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NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 FEB 28 PATDPAFULL - New display fields provide for legal status
data from INPADOc
NEWS 4 FEB 28 BABS - Current-awareness alerts (SDIs) available
NEWS 5 MAR 02 GBFULL: New full-text patent database on STN
NEWS 6 MAR 03 REGISTRY/ZREGISTRY - Sequence annotations enhanced
NEWS 7 MAR 03 MEDLINE file segment of TOXCENTER reloaded
NEWS 8 MAR 22 KOREAPAT now updated monthly; patent information enhanced
NEWS 9 MAR 22 Original IDE display format returns to REGISTRY/ZREGISTRY
NEWS 10 MAR 22 PATDPASPC - New patent database available
NEWS 11 MAR 22 REGISTRY/ZREGISTRY enhanced with experimental property tags
NEWS 12 APR 04 EPFULL enhanced with additional patent information and new
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NEWS 13 APR 04 EMBASE - Database reloaded and enhanced
NEWS 14 APR 18 New CAS Information Use Policies available online
NEWS 15 APR 25 Patent searching, including current-awareness alerts (SDIs),
based on application date in CA/CAplus and USPATFULL/USPAT2
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applications.
NEWS 16 APR 28 Improved searching of U.S. Patent Classifications for
U.S. patent records in CA/CAplus
NEWS 17 MAY 23 GBFULL enhanced with patent drawing images
NEWS 18 MAY 23 REGISTRY has been enhanced with source information from
CHEMCATS
NEWS 19 JUN 06 STN Patent Forums to be held in June 2005
NEWS 20 JUN 06 The Analysis Edition of STN Express with Discover!
(Version 8.0 for Windows) now available
NEWS 21 JUN 13 RUSSIAPAT: New full-text patent database on STN
NEWS 22 JUN 13 FRFULL enhanced with patent drawing images

NEWS EXPRESS JUNE 13 CURRENT WINDOWS VERSION IS V8.0, CURRENT
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 13 JUNE 2005

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***** STN Columbus *****

FILE 'HOME' ENTERED AT 14:17:33 ON 17 JUN 2005

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 14:17:45 ON 17 JUN 2005

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PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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STRUCTURE FILE UPDATES: 15 JUN 2005 HIGHEST RN 852355-71-6

DICTIONARY FILE UPDATES: 15 JUN 2005 HIGHEST RN 852355-71-6

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

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*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
*

Crossover limits have been increased. See HELP CROSSOVER for details.

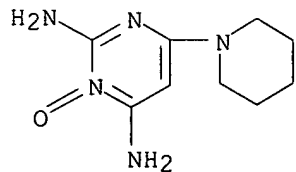
Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> s minoxidil/cn

L1 1 MINOXIDIL/CN

=> d str rn cn

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2005 ACS on STN



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

RN 38304-91-5 REGISTRY
CN 2,4-Pyrimidinediamine, 6-(1-piperidinyl)-, 3-oxide (9CI) (CA INDEX NAME)
OTHER NAMES:
CN 2,4-Diamino-6-piperidinopyrimidine 3-N-oxide
CN 2,4-Diamino-6-piperidinopyrimidine 3-oxide
CN 6-Amino-1,2-dihydro-1-hydroxy-2-imino-4-piperodinopyrimidine
CN Alopexil
CN Alostil
CN Loniten
CN Lonolox
CN **Minoxidil**
CN Minoximen
CN Mintop
CN Normoxidil
CN PDP
CN Pierminox
CN Prexidil
CN RiUP
CN Rogaine
CN Tricoxidil
CN U 10858

=> file caplus
COST IN U.S. DOLLARS

| SINCE FILE | TOTAL |
|------------|---------|
| ENTRY | SESSION |
| 7.30 | 7.51 |

FULL ESTIMATED COST

FILE 'CAPLUS' ENTERED AT 14:18:52 ON 17 JUN 2005
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FILE COVERS 1907 - 17 Jun 2005 VOL 142 ISS 26
FILE LAST UPDATED: 16 Jun 2005 (20050616/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 38304-91-5/rn
1029 38304-91-5
40 38304-91-5D
L2 1009 38304-91-5/RN
(38304-91-5 (NOTL) 38304-91-5D)

=> s acrylic acid
246776 ACRYLIC
1297 ACRYLICS
247144 ACRYLIC
(ACRYLIC OR ACRYLICS)
3991078 ACID

DMAX ----- MAX, delimited for post-processing
 FAM ----- AN, PI and PRAI in table, plus Patent Family data
 FBIB ----- AN, BIB, plus Patent FAM
 IND ----- Indexing data
 IPC ----- International Patent Classifications
 MAX ----- ALL, plus Patent FAM, RE
 PATS ----- PI, SO
 SAM ----- CC, SX, TI, ST, IT
 SCAN ----- CC, SX, TI, ST, IT (random display, no answer numbers;
 SCAN must be entered on the same line as the DISPLAY,
 e.g., D SCAN or DISPLAY SCAN)
 STD ----- BIB, IPC, and NCL

 IABS ----- ABS, indented with text labels
 IALL ----- ALL, indented with text labels
 IBIB ----- BIB, indented with text labels
 IMAX ----- MAX, indented with text labels
 ISTD ----- STD, indented with text labels

 OBIB ----- AN, plus Bibliographic Data (original)
 OIBIB ----- OBIB, indented with text labels

 SBIB ----- BIB, no citations
 SIBIB ----- IBIB, no citations

 HIT ----- Fields containing hit terms
 HITIND ----- IC, ICA, ICI, NCL, CC and index field (ST and IT)
 containing hit terms
 HITRN ----- HIT RN and its text modification
 HITSTR ----- HIT RN, its text modification, its CA index name, and
 its structure diagram
 HITSEQ ----- HIT RN, its text modification, its CA index name, its
 structure diagram, plus NTE and SEQ fields
 FHITSTR ----- First HIT RN, its text modification, its CA index name, and
 its structure diagram
 FHITSEQ ----- First HIT RN, its text modification, its CA index name, its
 structure diagram, plus NTE and SEQ fields
 KWIC ----- Hit term plus 20 words on either side
 OCC ----- Number of occurrence of hit term and field in which it occurs

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=> d hist

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FILE 'REGISTRY' ENTERED AT 14:17:45 ON 17 JUN 2005

L1 1 S MINOXIDIL/CN

FILE 'CAPLUS' ENTERED AT 14:18:52 ON 17 JUN 2005

L2 1009 S 38304-91-5/RN

L3 107663 S ACRYLIC ACID

L4 68456 S POLYMER AND L3

L5 10 S L2 AND L4

=> d L5 1-2 ibib abs

L5 ANSWER 1 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2005:323779 CAPLUS
DOCUMENT NUMBER: 142:397824
TITLE: Biocompatibly coated medical implants
INVENTOR(S): Rathenow, Jorg; Ban, Andreas; Kunstmann, Jurgen;
Mayer, Bernhard; Asgari, Soheil
PATENT ASSIGNEE(S): Germany
SOURCE: U.S. Pat. Appl. Publ., 22 pp., Cont.-in-part of Appl.
No. PCT/EP04/04985.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 9
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---------------|------|----------|------------------|----------|
| US 2005079200 | A1 | 20050414 | US 2004-938995 | 20040910 |
| DE 10322182 | A1 | 20041202 | DE 2003-10322182 | 20030516 |
| DE 10324415 | A1 | 20041216 | DE 2003-10324415 | 20030528 |
| DE 10333098 | A1 | 20050210 | DE 2003-10333098 | 20030721 |
| WO 2004101017 | A2 | 20041125 | WO 2004-EP4985 | 20040510 |
| WO 2004101017 | A3 | 20050303 | | |

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,
CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,
NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,
TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,
AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,
EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE,
SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE,
SN, TD, TG

PRIORITY APPLN. INFO.:
DE 2003-10322182 A 20030516
DE 2003-10324415 A 20030528
DE 2003-10333098 A 20030721
WO 2004-EP4985 A2 20040510

AB Implantable medical devices with biocompatible coatings and processes for their production are described. The present invention relates in particular to medical implantable devices coated with a carbon-containing layer which devices are produced by at least partially coating the device with a **polymer** film and heating the **polymer** film in an atmospheric which is essentially free from oxygen to temps. in the region of 200 °C to 2500 °C., a carbon-containing layer being produced on the implantable medical device. Duroplan glass fibers were coated by immersion coating with a com. packaging varnish in an application weight of 2.0x10⁻⁴ g/cm². Following subsequent pyrolysis with carbonization at 800° C. for 48 h, a loss of weight of the coating to 0.33x10⁻⁴ g/cm² took place. The previously colorless coating turned a glossy black and was hardly transparent any longer after carbonization. A test of the adhesion of the coating by bending in a radius of 180° did not result in any detachment, i.e. optically detectable damage to the surface.

L5 ANSWER 2 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2005:136539 CAPLUS
DOCUMENT NUMBER: 142:225791
TITLE: Active substance combination comprising a
2,5-dihydroxybenzenesulfonic compound and a potassium
ion channel modulator
INVENTOR(S): Torrens Jover, Antoni; Alvarez Mathieu, Ines; Saenz de

Tejada Gorman, Inigo; Angula Frutos, Javier;
 Buschmann, Helmut-Heinrich
 PATENT ASSIGNEE(S): Laboratorios del Esteve S. A., Spain
 SOURCE: PCT Int. Appl., 32 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|--|------|-------------------|-----------------|------------|
| WO 2005013962 | A1 | 20050217 | WO 2004-EP8509 | 20040729 |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | | |
| ES 2222831 | A1 | 20050201 | ES 2003-1809 | 20030730 |
| PRIORITY APPLN. INFO.: | | | ES 2003-1809 | A 20030730 |
| OTHER SOURCE(S): | | MARPAT 142:225791 | | |

AB The present invention relates to an active substance combination comprising at least one 2,5-dihydroxybenzenesulfonic compound and at least one K⁺ channel modulator, a medicament and formulation comprising this active substance combination, and the use of this active substance combination for the manufacture of a medicament. For example, hard gelatin capsules were prepared containing calcium dobesilate 100 mg, NS-1619 30 mg, cellulose 0.023 g, magnesium stearate 0.007 g, and colloidal silicon dioxide 0.005 g.

REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> s carbomer
 1328 CARBOMER
 76 CARBOMERS
 L6 1356 CARBOMER
 (CARBOMER OR CARBOMERS)

=> d hist
 (FILE 'HOME' ENTERED AT 14:17:33 ON 17 JUN 2005)

FILE 'REGISTRY' ENTERED AT 14:17:45 ON 17 JUN 2005
 L1 1 S MINOXIDIL/CN

FILE 'CAPLUS' ENTERED AT 14:18:52 ON 17 JUN 2005
 L2 1009 S 38304-91-5/RN
 L3 107663 S ACRYLIC ACID
 L4 68456 S POLYMER AND L3
 L5 10 S L2 AND L4
 L6 1356 S CARBOMER

=> s L2 and L6
 L7 6 L2 AND L6

=> d 1-6 abs ibib

L7 ANSWER 1 OF 6 CAPLUS COPYRIGHT 2005 ACS on STN
 AB The present invention relates to cleansing compns. suitable for use in personal cleansing applications, and in particular make-up removal applications, which impart superior cleansing properties and are comprised of a liquid, water-insol. propoxylated fatty alc., water dispersible components, water, and foaming surfactants. Also disclosed are compns. for effectively depositing various benefit agents into and onto the skin. For example, a foaming facial cleanser contained disodium EDTA 0.1, Glycerin 917 3.0, Rhodicare T 0.1, Monateric 949J 8.0, Tegobetaine L7 7.0, Rhodacal A-246L 6.0, Glycerox 767 1.0, Crodesta SL40 1.0, hexylene glycol 1.0, Phenonip 1.0, Tween 20 2.0, Aquafleur Mod A 0.3, Arlasove 200 0.9, citric acid 1.0 and water 65.9%.

ACCESSION NUMBER: 2005:36535 CAPLUS
 DOCUMENT NUMBER: 142:120183
 TITLE: Foaming make-up removing cleansing compositions containing water dispersible components and foaming surfactants and propoxylated fatty alcohols
 INVENTOR(S): Lukenbach, Elvin R.; Coret, Catherine
 PATENT ASSIGNEE(S): USA
 SOURCE: U.S. Pat. Appl. Publ., 14 pp., Cont.-in-part of U.S. Ser. No. 604,449.
 CODEN: USXXCO
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 4
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|-------------|
| US 2005009717 | A1 | 20050113 | US 2004-862634 | 20040607 |
| WO 2001001949 | A1 | 20010111 | WO 2000-US17431 | 20000623 |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG | | | | |
| US 2004167046 | A1 | 20040826 | US 2004-776420 | 20040211 |
| PRIORITY APPLN. INFO.: | | | US 1999-141927P | P 19990701 |
| | | | WO 2000-US17431 | A 20000623 |
| | | | US 2000-604449 | A2 20000627 |

L7 ANSWER 2 OF 6 CAPLUS COPYRIGHT 2005 ACS on STN
 AB A cosmetic composition for enhancing the condition and appearance of the skin and skin appendages, for stimulating cell regeneration and prevent skin ageing is disclosed. Said composition comprises as active principle minor elements derived from mineral waters and plant protein hydrolyzates which chelate said minor elements. The activity of trace element on the proliferation of fibroblasts and inhibition of free radicals was studied. An emulsion contained mineral oil 5, ethoxylated hydrogenated castor oil 5, triethanolamine 1.5, dimethicone 1, Carbomer 1, fragrances 0.2, trance elements 0.001-20 and mineral water q.s. 100%.

ACCESSION NUMBER: 1999:549132 CAPLUS
 DOCUMENT NUMBER: 131:174847
 TITLE: Cosmetic composition comprising trace elements derived from mineral waters and chelated by plant protein hydrolysates
 INVENTOR(S): Fort Lacoste, Lydie; Peyrot, Nicole; Navarro, Roger; Tournay, Alain
 PATENT ASSIGNEE(S): Pierre Fabre Dermo-Cosmetique, Fr.
 SOURCE: PCT Int. Appl., 31 pp.

DOCUMENT TYPE: Patent
 LANGUAGE: French
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|--|-----------------|------------|
| WO 9942082 | A1 | 19990826 | WO 1999-FR389 | 19990222 |
| W: CA, JP, US RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE | | | | |
| FR 2775185 | A1 | 19990827 | FR 1998-2130 | 19980223 |
| FR 2775185 | B1 | 20010907 | | |
| EP 1056440 | A1 | 20001206 | EP 1999-904922 | 19990222 |
| EP 1056440 | B1 | 20040915 | | |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI | | | | |
| AT 275931 | E | 20041015 | AT 1999-904922 | 19990222 |
| PRIORITY APPLN. INFO.: | | | | |
| | | | FR 1998-2130 | A 19980223 |
| | | | WO 1999-FR389 | W 19990222 |
| REFERENCE COUNT: | 7 | THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT | | |

L7 ANSWER 3 OF 6 CAPLUS COPYRIGHT 2005 ACS on STN
 AB Cosmetic compns. containing film-forming insol. polymers (Markush structure given) useful for reducing the irritant effects of active ingredients are claimed. The composition are used for the treatment of skin aging and acne. A cream contained n-octanoyl-5-salicylic acid 1, sorbitan stearate 2.5, apricot kernel oil 23.6, disodium EDTA 0.05, triethanolamine 0.5, **Carbomer** 0.5, xanthan gum 0.2, glycerin 5, iso-Pr myristate 5, Polysorbate-60 2.5, trifluoromethyl C1-4 alkyldimethicone 0.5, preservatives 0.3, and water q.s. 100%.

ACCESSION NUMBER: 1997:4346 CAPLUS
 DOCUMENT NUMBER: 126:65175
 TITLE: Cosmetic compositions containing polymers for reducing the irritant effects of active ingredients
 INVENTOR(S): Mellul, Myriam; Laugier, Jean Pierre
 PATENT ASSIGNEE(S): Oreal S. A., Fr.
 SOURCE: Fr. Demande, 12 pp.
 CODEN: FRXXBL
 DOCUMENT TYPE: Patent
 LANGUAGE: French
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|------|----------|-----------------|----------|
| FR 2732595 | A1 | 19961011 | FR 1995-4190 | 19950407 |
| PRIORITY APPLN. INFO.: | | | | |
| | | | FR 1995-4190 | 19950407 |

L7 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2005 ACS on STN
 AB Topical pharmaceuticals contain substance P antagonists for decreasing the effects of irritant ingredients. The substance P antagonists are peptides, a nitrogen compds., or a nitrogen-, sulfur-, or oxygen-containing heterocyclic compound A cream contained spantide II 0.25, glycerol stearate 2, Polysorbate 60 1, stearic acid 1.4, metronidazole 1, triethanolamine 0.7, **Carbomer** 0.4, karite butter 12, vaseline oil 12, antioxidant 0.05, preservatives 0.3, fragrance 0.5, and water q.s. 100%.

ACCESSION NUMBER: 1996:513636 CAPLUS
 DOCUMENT NUMBER: 125:151165
 TITLE: Topical pharmaceuticals containing substance P antagonists for decreasing the effects of irritant ingredients

INVENTOR(S): De Lacharriere, Olivier; Breton, Lionel
 PATENT ASSIGNEE(S): Oreal S. A., Fr.
 SOURCE: Fr. Demande, 15 pp.
 CODEN: FRXXBL
 DOCUMENT TYPE: Patent
 LANGUAGE: French
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|-------------|
| FR 2728166 | A1 | 19960621 | FR 1994-15253 | 19941219 |
| FR 2728166 | B1 | 19970207 | | |
| EP 722736 | A1 | 19960724 | EP 1995-402502 | 19951109 |
| EP 722736 | B1 | 20010131 | | |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE | | | | |
| AT 198986 | E | 20010215 | AT 1995-402502 | 19951109 |
| PT 722736 | T | 20010531 | PT 1995-402502 | 19951109 |
| ES 2157307 | T3 | 20010816 | ES 1995-402502 | 19951109 |
| BR 9505408 | A | 19971028 | BR 1995-5408 | 19951213 |
| CA 2165521 | AA | 19960620 | CA 1995-2165521 | 19951218 |
| CA 2165521 | C | 20020716 | | |
| JP 08208505 | A2 | 19960813 | JP 1995-329297 | 19951218 |
| HU 74830 | A2 | 19970228 | HU 1995-3623 | 19951218 |
| HU 218936 | B | 20010129 | | |
| RU 2124353 | C1 | 19990110 | RU 1995-121151 | 19951218 |
| US 5824650 | A | 19981020 | US 1995-575682 | 19951219 |
| US 5972892 | A | 19991026 | US 1998-94558 | 19980615 |
| GR 3035652 | T3 | 20010629 | GR 2001-400502 | 20010329 |
| PRIORITY APPLN. INFO.: | | | FR 1994-15253 | A 19941219 |
| | | | US 1995-575682 | A3 19951219 |

L7 ANSWER 5 OF 6 CAPLUS COPYRIGHT 2005 ACS on STN
 AB The title gels have improved thermorheolog. properties and a gelling temperature interval of approx. 25-37°; the gels comprise (1) 10-30 weight% of block copolymers of α -hydro- ω -hydroxypoly(oxyethylene)/poly(oxypropylene)/poly(oxyethylene) (Poloxamer) H(OCH₂CH₂)_a[OCH(CH₃)CH₂]_b(OCH₂CH₂)₂aOH (a \geq 2; b \geq 15; total proportion of hydrophilic polyethylene units is 20-90 weight% of the copolymer having a mol. weight of 1000-16,000); (2) 0.01-5 weight% carboxyvinyl polymer (**Carbomer**) of mol. weight 1 x 10⁶-4 x 10⁶; (3) sufficient pharmaceutically acceptable base to adjust the pH to 4-8; (4) 20-85 weight% water; and (5) optional usual auxiliariy agents. The liquid formulations may be used for β -lactam antibiotics, antibacterials, chemotherapeutics, antiinflammatories, cosmetics, etc. A liquid thermoreversible formulation of betamethasone-17,21-dipropionate (I) contained I 0.05, Pluronic F127 18.0, Carbopol 934P 0.3, 10%aqueous NaOH 5, and demineralized water to 100 weight%.

ACCESSION NUMBER: 1993:567753 CAPLUS
 DOCUMENT NUMBER: 119:167753
 TITLE: Thermoreversible gel as a liquid pharmaceutical carrier for a galenic formulation
 INVENTOR(S): Kramaric, Anton; Resman, Aleksander; Kofler, Bojan; Zmitek, Janko
 PATENT ASSIGNEE(S): LEK, Tovarna Farmaceutskih in Kemichnih Izdelkov, d.d., Slovenia
 SOURCE: Eur. Pat. Appl., 23 pp.
 CODEN: EPXXDW
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------|------|------|-----------------|------|
|------------|------|------|-----------------|------|

| | | | | |
|---------------------------|----|----------|----------------|------------|
| EP 551626 | A1 | 19930721 | EP 1992-121410 | 19921216 |
| R: AT, DE, FR, GB, IT, NL | | | | |
| JP 05262670 | A2 | 19931012 | JP 1992-338663 | 19921218 |
| PRIORITY APPLN. INFO.: | | | YU 1991-17 | A 19911219 |

L7 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2005 ACS on STN
 AB A gel composition comprises, Carbomer 0.25-1.5, minoxidil 0.001-3, glycol 0.01-30, EtOH or iso-PrOH 20-40, and a water- and alc.- soluble amine 0.25-1.5, and water up to 100%. The ratio of minoxidil to the glycol is sufficient for a saturated solution of minoxidil. A topical gel consisted of 3 different parts, which were prepared sep. Part A contained Carbopol 934p 0.45% and water to 100%, and part B contained minoxidil 1, propylene glycol 10, EtOH 13, diisopropanolamine 0.45%, whereas part C contained EtOH 27%. Part A was mixed with part C and when a uniform mixture was obtained part B was added and mixed under vacuum until a uniform gel was prepared

ACCESSION NUMBER: 1990:125224 CAPLUS
 DOCUMENT NUMBER: 112:125224
 TITLE: Topical gels containing minoxidil and glycols
 INVENTOR(S): Pena, Lorraine E.
 PATENT ASSIGNEE(S): Upjohn Co., USA
 SOURCE: PCT Int. Appl., 14 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|----------|
| WO 8907436 | A1 | 19890824 | WO 1988-US403 | 19880218 |
| W: AU, DK, FI, JP, KR, NO, US | | | | |
| RW: AT, BE, CH, DE, FR, GB, IT, LU, NL, SE | | | | |
| AU 8813684 | A1 | 19890906 | AU 1988-13684 | 19880218 |
| AU 615901 | B2 | 19911017 | | |
| EP 417075 | A1 | 19910320 | EP 1988-902308 | 19880218 |
| EP 417075 | B1 | 19930609 | | |
| R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE | | | | |
| JP 03502792 | T2 | 19910627 | JP 1988-502148 | 19880218 |
| AT 90195 | E | 19930615 | AT 1988-902308 | 19880218 |
| DK 9001802 | A | 19900727 | DK 1990-1802 | 19900727 |
| DK 167207 | B1 | 19930920 | | |
| NO 9003599 | A | 19900815 | NO 1990-3599 | 19900815 |
| NO 178782 | B | 19960226 | | |
| NO 178782 | C | 19960605 | | |
| US 5225189 | A | 19930706 | US 1990-566438 | 19900817 |
| FI 96742 | B | 19960515 | FI 1990-4077 | 19900817 |
| FI 96742 | C | 19960826 | | |

PRIORITY APPLN. INFO.: EP 1988-902308 A 19880218
 WO 1988-US403 A 19880218

=> s polyacrylic acid
 14982 POLYACRYLIC
 135 POLYACRYLICS
 15095 POLYACRYLIC
 (POLYACRYLIC OR POLYACRYLICS)
 3991078 ACID
 1479763 ACIDS
 4470102 ACID
 (ACID OR ACIDS)
 L8 12904 POLYACRYLIC ACID
 (POLYACRYLIC (W) ACID)

WO 2001-US852 W 20010110
US 2001-947617 A2 20010906
US 2002-236485 A2 20020906
US 2003-483278P P 20030627

OTHER SOURCE(S): MARPAT 135:127193

AB The invention provides methods of treating erectile dysfunction comprising the step of placing within the fossa navicularis of the patient an effective erection-inducing amount of a prostaglandin E1 composition of a semi-solid consistency. The composition comprises prostaglandin E1, a penetration enhancer, a polysaccharide gum, a lipophilic compound, and an acidic buffer system. The penetration enhancer is an alkyl-2-(N,N-disubstituted amino)-alkanoate ester, an (N,N-disubstituted amino)-alkanol alkanoate, or a mixture of these. The lipophilic compound may be an aliphatic C1-8 alc., aliphatic C2-30 ester, an aliphatic C8-30 ester, or a mixture of these.

The composition includes a buffer system capable of providing a buffered pH value of 3-7.4. For example, topical prostaglandin E1 (0.1-0.5%) compns. contained prehydrated locust bean gum, water/buffer (pH 5.5), sucrose stearate, prostaglandin E1, DDAIP, ethanol, and Et laurate in different percentages. The compns. delivered effective prostaglandin E1 skin penetration relatively fast and at a sustained rate. The cumulative penetration increased with increased prostaglandin E1 loading of the composition

REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d hist

(FILE 'HOME' ENTERED AT 14:17:33 ON 17 JUN 2005)

FILE 'REGISTRY' ENTERED AT 14:17:45 ON 17 JUN 2005

L1 1 S MINOXIDIL/CN

FILE 'CAPLUS' ENTERED AT 14:18:52 ON 17 JUN 2005

L2 1009 S 38304-91-5/RN
L3 107663 S ACRYLIC ACID
L4 68456 S POLYMER AND L3
L5 10 S L2 AND L4
L6 1356 S CARBOMER
L7 6 S L2 AND L6
L8 12904 S POLYACRYLIC ACID
L9 4 S L2 AND L8

=> s pemulen

516 PEMULEN
3 PEMULENS
L10 516 PEMULEN
(PEMULEN OR PEMULENS)

=> s L2 and L10

L11 3 L2 AND L10

=> d 1-3 abs ibib

L11 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN

AB The hair preps., which also prevent dandruff and gray hair, contain (A) branched saturated fatty acid esters or saturated branched aliphatic alcs., (B) gelling agents, and (C) peripheral circulation promoters. Iso-Pr isostearate 0.5, Carbopol 94 (carboxyvinyl polymer) 0.4, diisopropylamine dichloroacetate 1.0, 95% EtOH 20.0, diisopropanolamine 0.3, polyoxyethylene hydrogenated castor oil 0.5, perfume 0.1%, and H2O balance were mixed to give hair tonic. Effect of the hair tonic was shown in volunteers with male pattern alopecia.

ACCESSION NUMBER: 2002:464148 CAPLUS
 DOCUMENT NUMBER: 137:37384
 TITLE: Hair growth stimulants containing branched saturated fatty acid esters or saturated branched aliphatic alcohols
 INVENTOR(S): Sugimoto, Kenichi
 PATENT ASSIGNEE(S): Kanebo, Ltd., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 10 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|------|----------|-----------------|----------|
| JP 2002173449 | A2 | 20020621 | JP 2000-369714 | 20001205 |
| PRIORITY APPLN. INFO.: | | | JP 2000-369714 | 20001205 |

L11 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN
 AB Novel compns. comprising minoxidil, a thickening agent, and an acceptable solvent are presented. A process is also presented for making a gel composition comprising minoxidil, and methods for using the compns. for treating and preventing hair loss in patients. Thus, the 1st part of the composition comprised a solution containing minoxidil 50.7, propylene glycol 526, alc. 130, and AMP-95 1.5 mg. The 2nd part comprised a dispersion containing Pemulen TR-1 2.5, water 153, and alc. 136.3 mg. The 2 parts were mixed to give a gel which had excellent clarity, smooth consistency, and a moderate viscosity.

ACCESSION NUMBER: 2002:122762 CAPLUS
 DOCUMENT NUMBER: 136:172778
 TITLE: Compositions containing minoxidil for hair loss treatment
 INVENTOR(S): Pena, Lorraine Elisabeth; Wu, Maw-Sheng
 PATENT ASSIGNEE(S): Pharmacia AB, Swed.
 SOURCE: PCT Int. Appl., 37 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|----------|
| WO 2002011698 | A1 | 20020214 | WO 2001-SE1269 | 20010607 |
| WO 2002011698 | C2 | 20030403 | | |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW | | | | |
| RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG | | | | |
| CA 2417630 | AA | 20020214 | CA 2001-2417630 | 20010607 |
| AU 2001064481 | A5 | 20020218 | AU 2001-64481 | 20010607 |
| EP 1307181 | A1 | 20030507 | EP 2001-938910 | 20010607 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR | | | | |
| BR 2001013087 | A | 20030708 | BR 2001-13087 | 20010607 |
| JP 2004505906 | T2 | 20040226 | JP 2002-517035 | 20010607 |

NZ 523878 A 20040924 NZ 2001-523878 20010607
 ZA 2003000884 A 20040219 ZA 2003-884 20030131
 NO 2003000610 A 20030409 NO 2003-610 20030207
 PRIORITY APPLN. INFO.: US 2000-634399 A 20000809
 WO 2001-SE1269 W 20010607

REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN
 AB This invention relates to an apparatus and method of drug delivery on a human body surface. The formulation comprises a drug, a conversion agent capable of converting the formulation from a less solid phase to a coherent, soft, solid phase, and a vehicle medium or carrier for the drug and conversion agent. The drug formulation is applied to this human body surface in its less than solid phase and is subsequently converted to a soft solid phase while the drug is being delivered through the human body surface. After delivery of the drug is complete, the soft solid formulation can be removed or peeled from the body surface as a coherent solid formulation. The drug formulation provides control over drug delivery rates and allows the formulation to be removed without leaving a messy, residual formulation on the body surface. A formulation containing eutectic mixture of lidocaine and tetracaine (1:1) 4.7, polyvinyl alc. 9.3, glycerol 16, lecithin 2.3, Water Lock A-100 1.6, and water q.s. to 100 % was prepared, and applied onto the facial skin with a specific applicator. After 30-45 min, the skin was anesthetized, and the formulation becomes a layer of coherent and soft solid. The coherent and soft layer was peeled off the facial skin, and the facial skin was ready to be operated on.

ACCESSION NUMBER: 2001:247135 CAPLUS
 DOCUMENT NUMBER: 134:271258
 TITLE: Dermal drug delivery of phase changing formulation
 INVENTOR(S): Zhang, Jie
 PATENT ASSIGNEE(S): Zars, USA
 SOURCE: PCT Int. Appl., 81 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|----------|
| WO 2001022907 | A1 | 20010405 | WO 2000-US26478 | 20000927 |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW | | | | |
| RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE | | | | |
| US 2002004063 | A1 | 20020110 | US 1999-407720 | 19990928 |
| US 6528086 | B2 | 20030304 | | |
| CA 2386017 | AA | 20010405 | CA 2000-2386017 | 20000927 |
| EP 1244401 | A1 | 20021002 | EP 2000-966921 | 20000927 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL | | | | |
| JP 2003510259 | T2 | 20030318 | JP 2001-526122 | 20000927 |
| PRIORITY APPLN. INFO.: US 1999-407720 A 19990928 | | | | |
| WO 2000-US26478 W 20000927 | | | | |

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> s ethanol or propanol or butanol or isopropanol
 229259 ETHANOL

1099 ETHANOLS
 229797 ETHANOL
 (ETHANOL OR ETHANOLS)
 69891 PROPANOL
 1583 PROPANOLS
 70559 PROPANOL
 (PROPANOL OR PROPANOLS)
 57441 BUTANOL
 919 BUTANOLS
 57781 BUTANOL
 (BUTANOL OR BUTANOLS)
 26691 ISOPROPANOL
 45 ISOPROPANOLS
 26719 ISOPROPANOL
 (ISOPROPANOL OR ISOPROPANOLS)
 L12 326619 ETHANOL OR PROPANOL OR BUTANOL OR ISOPROPANOL

=> s L2 and L12

L13 124 L2 AND L12

=> s thickening agent or thickner

31871 THICKENING
 376 THICKENINGS
 32179 THICKENING
 (THICKENING OR THICKENINGS)
 732130 AGENT
 1051844 AGENTS
 1487521 AGENT
 (AGENT OR AGENTS)
 14246 THICKENING AGENT
 (THICKENING(W) AGENT)
 69 THICKNER
 51 THICKNERS
 117 THICKNER
 (THICKNER OR THICKNERS)

L14 14316 THICKENING AGENT OR THICKNER

=> s L13 and L14

L15 11 L13 AND L14

=> dup rem L15

PROCESSING COMPLETED FOR L15

L16 11 DUP REM L15 (0 DUPLICATES REMOVED)

=> d 1-11 ibib abs

L16 ANSWER 1 OF 11 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2005:36535 CAPLUS

DOCUMENT NUMBER: 142:120183

TITLE: Foaming make-up removing cleansing compositions
 containing water dispersible components and foaming
 surfactants and propoxylated fatty alcohols

INVENTOR(S): Lukenbach, Elvin R.; Coret, Catherine

PATENT ASSIGNEE(S): USA

SOURCE: U.S. Pat. Appl. Publ., 14 pp., Cont.-in-part of U.S.
 Ser. No. 604,449.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 4

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------|-------|-------|-----------------|-------|
| ----- | ----- | ----- | ----- | ----- |

US 2005009717 A1 20050113 US 2004-862634 20040607
 WO 2001001949 A1 20010111 WO 2000-US17431 20000623
 W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
 CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR,
 HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,
 LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU,
 SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU,
 ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
 DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ,
 CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

US 2004167046 A1 20040826 US 2004-776420 20040211
 PRIORITY APPLN. INFO.: US 1999-141927P P 19990701
 WO 2000-US17431 A 20000623
 US 2000-604449 A2 20000627

AB The present invention relates to cleansing compns. suitable for use in personal cleansing applications, and in particular make-up removal applications, which impart superior cleansing properties and are comprised of a liquid, water-insol. propoxylated fatty alc., water dispersible components, water, and foaming surfactants. Also disclosed are compns. for effectively depositing various benefit agents into and onto the skin. For example, a foaming facial cleanser contained disodium EDTA 0.1, Glycerin 917 3.0, Rhodicare T 0.1, Monateric 949J 8.0, Tegobetaine L7 7.0, Rhodacal A-246L 6.0, Glycerox 767 1.0, Crodesta SL40 1.0, hexylene glycol 1.0, Phenonip 1.0, Tween 20 2.0, Aquafleur Mod A 0.3, Arlasove 200 0.9, citric acid 1.0 and water 65.9%.

L16 ANSWER 2 OF 11 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2005:449684 CAPLUS
 DOCUMENT NUMBER: 142:487136
 TITLE: Scalp and hair care compositions containing polymer microgels as thickeners
 INVENTOR(S): Takeda, Shunsuke; Nishimoto, Takako; Kaneda, Isamu; Sogabe, Atsushi
 PATENT ASSIGNEE(S): Shiseido Co., Ltd., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 26 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|------|----------|-----------------|----------|
| JP 2005132782 | A2 | 20050526 | JP 2003-371559 | 20031031 |
| PRIORITY APPLN. INFO.: | | | JP 2003-371559 | 20031031 |

AB The compns. which comprise organic solvents or oils as dispersants and water as the dispersed phase, contain (A) thickeners comprising microgels obtained by radical polymerization of water-soluble ethylenically unsatd. monomers in the dispersed phase and (B) EtOH. Dimethylacrylamide (40 g) and 9 g 2-acrylamido-2-methylpropanesulfonic acid were polymerized in a microemulsion in the presence of (NH4)2S2O8 and emulsifiers at 65-70° for 3 h to give a microgel, which was precipitated by mixing with Me2CO, washed, and dried to give microgel powder. A composition containing 80.0 weight% EtOH, 0.3 weight% of the microgel powder, effective components, and additives showed viscosity 4000 mPa-s. Hair tonics, lotions, and styling gels were formulated and their effectiveness in humans were tested.

L16 ANSWER 3 OF 11 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2003:815249 CAPLUS
 DOCUMENT NUMBER: 139:311936
 TITLE: A pyridinedicarboxylic acid or its salts to stimulate

INVENTOR(S): or induce hair growth and/or to prevent its loss
 Dalko, Maria; Loussouarn, Genevieve; El Rawadi,
 Charles; Boulle, Christophe; Bernard, Bruno
 PATENT ASSIGNEE(S): L'Oreal, Fr.
 SOURCE: Eur. Pat. Appl., 17 pp.
 CODEN: EPXXDW
 DOCUMENT TYPE: Patent
 LANGUAGE: French
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|--|------|----------|-----------------|------------|
| EP 1352629 | A1 | 20031015 | EP 2003-290848 | 20030404 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK | | | | |
| FR 2838336 | A1 | 20031017 | FR 2002-4527 | 20020411 |
| FR 2838336 | B1 | 20050603 | | |
| JP 2003300841 | A2 | 20031021 | JP 2003-106189 | 20030410 |
| US 2003223945 | A1 | 20031204 | US 2003-410402 | 20030410 |
| PRIORITY APPLN. INFO.: | | | FR 2002-4527 | A 20020411 |
| | | | US 2002-372414P | P 20020416 |

OTHER SOURCE(S): MARPAT 139:311936
 AB A hair composition contains a pyridinedicarboxylic acid or its salts to
 stimulate or induce hair growth and/or to prevent its loss. Thus, a
 lotion contained di-Et 2,4-pyridinecarboxylate 0.80, propylene glycol
 10.00, and **isopropanol** to 100.00 g.

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L16 ANSWER 4 OF 11 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2002:122762 CAPLUS

DOCUMENT NUMBER: 136:172778

TITLE: Compositions containing minoxidil for hair loss
 treatment

INVENTOR(S): Pena, Lorraine Elisabeth; Wu, Maw-Sheng

PATENT ASSIGNEE(S): Pharmacia AB, Swed.

SOURCE: PCT Int. Appl., 37 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|--|------|----------|-----------------|----------|
| WO 2002011698 | A1 | 20020214 | WO 2001-SE1269 | 20010607 |
| WO 2002011698 | C2 | 20030403 | | |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW | | | | |
| RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG | | | | |
| CA 2417630 | AA | 20020214 | CA 2001-2417630 | 20010607 |
| AU 2001064481 | A5 | 20020218 | AU 2001-64481 | 20010607 |
| EP 1307181 | A1 | 20030507 | EP 2001-938910 | 20010607 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR | | | | |
| BR 2001013087 | A | 20030708 | BR 2001-13087 | 20010607 |

| | | | | |
|------------------------|----|----------|----------------|------------|
| JP 2004505906 | T2 | 20040226 | JP 2002-517035 | 20010607 |
| NZ 523878 | A | 20040924 | NZ 2001-523878 | 20010607 |
| ZA 2003000884 | A | 20040219 | ZA 2003-884 | 20030131 |
| NO 2003000610 | A | 20030409 | NO 2003-610 | 20030207 |
| PRIORITY APPLN. INFO.: | | | US 2000-634399 | A 20000809 |
| | | | WO 2001-SE1269 | W 20010607 |

AB Novel compns. comprising minoxidil, a **thickening agent**, and an acceptable solvent are presented. A process is also presented for making a gel composition comprising minoxidil, and methods for using the compns. for treating and preventing hair loss in patients. Thus, the 1st part of the composition comprised a solution containing minoxidil 50.7, propylene glycol 526, alc. 130, and AMP-95 1.5 mg. The 2nd part comprised a dispersion containing Pemulen TR-1 2.5, water 153, and alc. 136.3 mg. The 2 parts were mixed to give a gel which had excellent clarity, smooth consistency, and a moderate viscosity.

REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L16 ANSWER 5 OF 11 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2001:747564 CAPLUS
DOCUMENT NUMBER: 135:293970
TITLE: Cosmetic and pharmaceutical compositions and methods using 2-decarboxy-2-phosphinico prostaglandin derivatives
INVENTOR(S): Delong, Mitchell Anthony; Mciver, John Mcmillan; Youngquist, Robert Scott
PATENT ASSIGNEE(S): The Procter + Gamble Company, USA
SOURCE: PCT Int. Appl., 54 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|------|----------|-----------------|--|
| ----- | --- | ---- | ----- | ----- |
| WO 2001074314 | A2 | 20011011 | WO 2001-US10369 | 20010330 |
| WO 2001074314 | A3 | 20020221 | | |
| W: | | | | |
| | | | | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM |
| RW: | | | | GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG |
| US 2002013294 | A1 | 20020131 | US 2001-774558 | 20010131 |
| CA 2401888 | AA | 20011011 | CA 2001-2401888 | 20010330 |
| EP 1267806 | A2 | 20030102 | EP 2001-926505 | 20010330 |
| R: | | | | AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR |
| JP 2003528898 | T2 | 20030930 | JP 2001-572060 | 20010330 |
| PRIORITY APPLN. INFO.: | | | US 2000-193845P | P 20000331 |
| | | | WO 2001-US10369 | W 20010330 |

OTHER SOURCE(S): MARPAT 135:293970

AB Compns. containing 2-decarboxy-2-phosphinico prostaglandin derivs. is described for treating hair loss in mammals. The compns. can be applied topically to the skin to arrest hair loss, reverse hair loss, and promote hair growth. Compns. containing 2-decarboxy-2-phosphinico prostaglandin derivs. can also be used to lower intraocular pressure and treat bone disorders. A composition comprises a prostaglandin analog, an activity

enhancer, such as a hair growth stimulant and a penetration enhancer, and a sufficient amount of a component selected from the group consisting of emollients, propellants, solvents, humectants, thickeners, powders, fragrances, water, alcs., aloe vera gel, allantoin, glycerin, vitamin A and E oils, mineral oil, propylene glycol, polypropylene glycol-2 myristyl propionate, di-Me isosorbide, and combinations thereof. For example, a composition for topical administration was prepared comprising (by weight) a prostaglandin (IC50 = 114 nM) 1.14%, ethanol 59.32%, propylene glycol 19.77%, and di-Me isosorbide 19.77%. Also, a shampoo was made containing ammonium lauryl sulfate 11.5%, ammonium laureth sulfate 4%, cocamide MEA 2%, ethylene glycol distearate 2%, cetyl alc. 2%, stearyl alc. 1.2%, glycerin 1%, sodium chloride 0.1%, sucrose polyesters of cottonate fatty acid 3%, sucrose polyesters of behenate fatty acid 2%, lauryl di-Me amine oxide 1.5%, DMDM hydantoin 0.15%, prostaglandin (IC = 150 nM) 0.15%, phenoxyethanol 0.5%, fragrance 0.5%, and water up to 100%. A tablet formulation was also prepared containing a prostaglandin 5 mg, microcryst. cellulose 100 mg, sodium starch glycolate 30 mg, and magnesium stearate 3 mg per tablet. When administered orally once daily, the above composition substantially increases bone volume in a patient suffering from osteoporosis.

L16 ANSWER 6 OF 11 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2001:747558 CAPLUS
DOCUMENT NUMBER: 135:293969
TITLE: Compositions and methods for treating hair loss using oximyl- and hydroxylamino-prostaglandins
INVENTOR(S): Delong, Mitchell Anthony; Mciver, John Mcmillan; Youngquist, Robert Scott
PATENT ASSIGNEE(S): The Procter + Gamble Company, USA
SOURCE: PCT Int. Appl., 72 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|------------|
| WO 2001074307 | A2 | 20011011 | WO 2001-US10547 | 20010330 |
| WO 2001074307 | A3 | 20020411 | | |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM | | | | |
| RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG | | | | |
| US 2002146439 | A1 | 20021010 | US 2001-774556 | 20010131 |
| CA 2401269 | AA | 20011011 | CA 2001-2401269 | 20010330 |
| EP 1267808 | A2 | 20030102 | EP 2001-926535 | 20010330 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR | | | | |
| JP 2003528895 | T2 | 20030930 | JP 2001-572053 | 20010330 |
| PRIORITY APPLN. INFO.: | | | US 2000-193844P | P 20000331 |
| | | | WO 2001-US10547 | W 20010330 |

OTHER SOURCE(S): MARPAT 135:293969

AB A composition for treating hair loss in mammals comprises a prostaglandin analog, an activity enhancer in an amount of 1-20%, and a sufficient amount of a component selected from the group consisting of emollients, propellants, solvents, humectants, thickeners, powders, fragrances, water, alcs., aloe vera gel, allantoin, glycerin, vitamin A and E oils, mineral oil,

propylene glycol, polypropylene glycol-2 myristyl propionate, di-Me isosorbide, and combinations thereof. The compns. can be applied topically to the skin to arrest hair loss, reverse hair loss, and promote hair growth. A composition for topical administration was prepared comprising (by weight) a prostaglandin (IC50 = 150 nM) 0.1%, ethanol 59.9%, propylene glycol 20.0%, and di-Me isosorbide 20.0%. Also, a shampoo was made containing ammonium lauryl sulfate 11.5%, ammonium laureth sulfate 4%, cocamide MEA 2%, ethylene glycol distearate 2%, cetyl alc. 2%, stearyl alc. 1.2%, glycerin 1%, sodium chloride 0.1%, sucrose polyesters of cottonate fatty acid 3%, sucrose polyesters of behenate fatty acid 2%, lauryl di-Me amine oxide 1.5%, DMDM hydantoin 0.15%, prostaglandin (IC50 = 150 nM) 0.15%, phenoxyethanol 0.5%, fragrance 0.5%, and water up to 100%. A topical pharmaceutical composition for lowering intraocular pressure was also prepared containing prostaglandin 0.004%, dextran 70 0.1%, hydroxypropyl Me cellulose 0.3%, sodium chloride 0.77%, potassium chloride 0.12%, disodium EDTA 0.05%, benzalkonium 0.01%, HCl and/or NaOH to pH 7.2-7.5, and water to 100%. The composition was administered ocularly to a subject once per day for 6 to 12 wk to promote eyelash growth.

L16 ANSWER 7 OF 11 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2001:31299 CAPLUS
DOCUMENT NUMBER: 134:105631
TITLE: Cleansing compositions containing esters and silicones
INVENTOR(S): Lukenbach, Elvin R.; Kamiński, Claudia; Pascal-Suisse, Sandrine; Tahar, Maurice
PATENT ASSIGNEE(S): Johnson and Johnson Consumer Companies, Inc., USA
SOURCE: PCT Int. Appl., 70 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 4
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|------|----------|-----------------|--|
| WO 2001001949 | A1 | 20010111 | WO 2000-US17431 | 20000623 |
| W: | | | | |
| | | | | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM |
| RW: | | | | GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG |
| US 2002035046 | A1 | 20020321 | US 2000-745270 | 20001221 |
| US 6762158 | B2 | 20040713 | | |
| US 2005009717 | A1 | 20050113 | US 2004-862634 | 20040607 |
| PRIORITY APPLN. INFO.: | | | US 1999-141927P | P 19990701 |
| | | | WO 2000-US17431 | W 20000623 |
| | | | US 2000-604449 | A2 20000627 |
| | | | US 2000-604563 | A2 20000627 |

AB Cleansing compns. suitable for use in personal cleansing applications, and in particular make-up removal applications, which not only impart superior cleansing properties, but also which are relatively non-irritating and thus suitable for use by people having sensitive skin and eyes, comprise esters, liquid silicones, and a water dispersible components. Also disclosed are compns. for effectively depositing various benefit agents into and onto the skin. Thus, a composition contained Arlacial P-135 1.1, Wickenol 3.0, Hallstar AB 3.0, Dow 344 Fluid 3.0, Retinol-50C 0.69, Carbopol Ultrez, Trivasol BW 1.0, methylparaben 0.20, propylparaben 0.10, Pelemol TIPC 1.0, NaOH 0.190, and water 86.320% by weight

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L16 ANSWER 8 OF 11 CAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2001:195116 CAPLUS
 DOCUMENT NUMBER: 134:227146
 TITLE: Use of a substance P antagonist in a cosmetic for prevention of skin sensitivity
 INVENTOR(S): De la Charriere, Olivier; Breton, Lionel
 PATENT ASSIGNEE(S): Societe L'Oreal S.A., Fr.
 SOURCE: U.S., 9 pp., Cont. of U.S. Ser. No. 358,562, abandoned.
 CODEN: USXXAM
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|------|----------|-----------------|-------------|
| US 6203803 | B1 | 20010320 | US 1997-881272 | 19970624 |
| US 6235291 | B1 | 20010522 | US 1996-611549 | 19960311 |
| US 6333042 | B1 | 20011225 | US 2000-584724 | 20000601 |
| US 2001014342 | A1 | 20010816 | US 2000-735638 | 20001214 |
| PRIORITY APPLN. INFO.: | | | US 1994-358562 | B1 19941214 |
| | | | FR 1995-5537 | A 19950505 |
| | | | FR 1994-5537 | A 19940505 |
| | | | US 1996-611549 | A1 19960311 |
| | | | US 1997-881272 | A1 19970624 |

AB The invention concerns the use of a substance P antagonist in a cosmetic composition used to treat sensitive skin. More specifically, the invention relates to a substance P antagonist used to prevent and/or combat skin irritations, desquamation, erythemas, sensations of dysesthesia/overheating, or pruritus of the skin. A make-up removal face lotion contained Spantide II 5.00, antioxidant 0.05, **isopropanol** 40.00, preservative 0.30, and water q.s. 100%.

REFERENCE COUNT: 68 THERE ARE 68 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

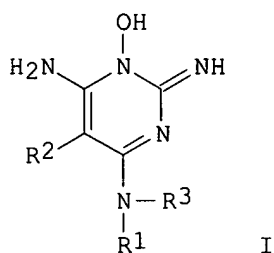
L16 ANSWER 9 OF 11 CAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2000:107287 CAPLUS
 DOCUMENT NUMBER: 132:269826
 TITLE: Pyrimidine-azole derivative combinations for inducing an/or stimulating hair growth and/or reducing its loss
 INVENTOR(S): Saint, Leger Didier; Lang, Gerard
 PATENT ASSIGNEE(S): Oreal S. A., Fr.
 SOURCE: Fr. Demande, 22 pp.
 CODEN: FRXXBL
 DOCUMENT TYPE: Patent
 LANGUAGE: French
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|------|----------|-----------------|----------|
| FR 2779053 | A1 | 19991203 | FR 1998-6749 | 19980528 |
| FR 2779053 | B1 | 20000713 | | |
| PRIORITY APPLN. INFO.: | | | FR 1998-6749 | 19980528 |

AB Pyrimidine-azole derivative combinations are used for inducing an/or stimulating hair growth and/or reducing its loss. A lotion for the prevention of hair loss contained 2,4-diaminopyrimidine-3-oxide 3, ketoconazole 0.5, propylene glycol 20, **ethanol** 30, and water q.s. 100 g.

L16 ANSWER 10 OF 11 CAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 1996:196792 CAPLUS

| | | | | |
|------------------------|--------|------------|----------------|------------|
| FR 2602424 | A1 | 19880212 | FR 1987-11207 | 19870806 |
| FR 2602424 | B1 | 19910816 | | |
| ML 8701853 | A | 19880301 | NL 1987-1853 | 19870806 |
| GB 2194887 | A1 | 19880323 | GB 1987-18612 | 19870806 |
| GB 2194887 | B2 | 19910130 | | |
| ES 2007390 | A6 | 19890616 | ES 1987-2315 | 19870806 |
| BE 1001044 | A5 | 19890620 | BE 1987-870 | 19870806 |
| CA 1294882 | A1 | 19920128 | CA 1987-543885 | 19870806 |
| DK 8704136 | A | 19880208 | DK 1987-4136 | 19870807 |
| DK 168190 | B1 | 19940228 | | |
| JP 63044512 | A2 | 19880225 | JP 1987-198011 | 19870807 |
| PRIORITY APPLN. INFO.: | | | LU 1986-86547 | A 19860807 |
| OTHER SOURCE(S): | MARPAT | 109:115856 | | |
| GI | | | | |



AB The title composition contains pyrimidine derivs. (I; R1, R3 = H, C1-4 alkyl, lower alkenyl, alkylaryl, cycloalkyl; NR1R3 = aziridinyl, azetidyl, pyrrolidinyl, piperidinyl, hexahydroazepinyl, heptamethylenimino, octamethylenimino, morpholino, lower alkyl-4-piperazinyl, and the heterocyclic group may be substituted by lower alkyl, OH, alkoxy; R2 = lower alkyl, alkenyl, alkylalakoxy, cycloalkyl, aryl, alkylaryl, alkylarylalkyl, alkoxyarylalkyl, haloarylalkyl); the concentration of I or its salt is at least equal to the solubility of I in the thickened medium. The efficacy of the composition is at least equal to that of known compns. however the required amount of I and the number of applications is decreased. The thickened composition is applied to the skin in a facile manner; it is does not irritate and is not oily on the skin and it does not leave the hair sticky. A suspension contained I (NR1R3 = piperidinyl, R2 = H) (micronized, particle size 4 μ m) 3, Carbopol 934 1.0, 2-butoxyethanol 4.5, H2O 100.0 g, 2-amino-2-methyl-1-propanol q.s., and preservative q.s.; the Epprecht-Drage viscosity at module 4, 25° was 7.2 Pa's.

=> s propylene glycol or dipropylene glycol or hexylene glycol or butylene glycol or glycerol or PEG

- 169069 PROPYLENE
- 296 PROPYLENES
- 169164 PROPYLENE
- (PROPYLENE OR PROPYLENES)
- 331528 GLYCOL
- 43752 GLYCOLS
- 346449 GLYCOL
- (GLYCOL OR GLYCOLS)
- 42608 PROPYLENE GLYCOL
- (PROPYLENE (W) GLYCOL)
- 7349 DIPROPYLENE
- 1 DIPROPYLENES
- 7349 DIPROPYLENE

(DIPROPYLENE OR DIPROPYLENES)

331528 GLYCOL
43752 GLYCOLS
346449 GLYCOL
(GLYCOL OR GLYCOLS)
7202 DIPROPYLENE GLYCOL
(DIPROPYLENE (W) GLYCOL)
1856 HEXYLENE
19 HEXYLENES
1872 HEXYLENE
(HEXYLENE OR HEXYLENES)

331528 GLYCOL
43752 GLYCOLS
346449 GLYCOL
(GLYCOL OR GLYCOLS)
1518 HEXYLENE GLYCOL
(HEXYLENE (W) GLYCOL)
29418 BUTYLENE
1084 BUTYLENES
30161 BUTYLENE
(BUTYLENE OR BUTYLENES)

331528 GLYCOL
43752 GLYCOLS
346449 GLYCOL
(GLYCOL OR GLYCOLS)
9052 BUTYLENE GLYCOL
(BUTYLENE (W) GLYCOL)
127929 GLYCEROL
1281 GLYCEROLS
128385 GLYCEROL
(GLYCEROL OR GLYCEROLS)
32272 PEG
1110 PEGS
32738 PEG
(PEG OR PEGS)

L17 206787 PROPYLENE GLYCOL OR DIPROPYLENE GLYCOL OR HEXYLENE GLYCOL OR
BUTYLENE GLYCOL OR GLYCEROL OR PEG

=> d hist

(FILE 'HOME' ENTERED AT 14:17:33 ON 17 JUN 2005)

FILE 'REGISTRY' ENTERED AT 14:17:45 ON 17 JUN 2005

L1 1 S MINOXIDIL/CN

FILE 'CAPLUS' ENTERED AT 14:18:52 ON 17 JUN 2005

L2 1009 S 38304-91-5/RN
L3 107663 S ACRYLIC ACID
L4 68456 S POLYMER AND L3
L5 10 S L2 AND L4
L6 1356 S CARBOMER
L7 6 S L2 AND L6
L8 12904 S POLYACRYLIC ACID
L9 4 S L2 AND L8
L10 516 S PEMULEN
L11 3 S L2 AND L10
L12 326619 S ETHANOL OR PROPANOL OR BUTANOL OR ISOPROPANOL
L13 124 S L2 AND L12
L14 14316 S THICKENING AGENT OR THICKNER
L15 11 S L13 AND L14
L16 11 DUP REM L15 (0 DUPLICATES REMOVED)
L17 206787 S PROPYLENE GLYCOL OR DIPROPYLENE GLYCOL OR HEXYLENE GLYCOL OR

=> s L17 or L12

L18 518081 L17 OR L12

=> s L2 and L18

L19 218 L2 AND L18

=> s carbomer or thickner or thickening agent or pemulen or carbopol

1328 CARBOMER
76 CARBOMERS
1356 CARBOMER
(CARBOMER OR CARBOMERS)
69 THICKNER
51 THICKNERS
117 THICKNER
(THICKNER OR THICKNERS)
31871 THICKENING
376 THICKENINGS
32179 THICKENING
(THICKENING OR THICKENINGS)
732130 AGENT
1051844 AGENTS
1487521 AGENT
(AGENT OR AGENTS)
14246 THICKENING AGENT
(THICKENING (W) AGENT)
516 PEMULEN
3 PEMULENS
516 PEMULEN
(PEMULEN OR PEMULENS)
4201 CARBOPOL
49 CARBOPOLS
4206 CARBOPOL
(CARBOPOL OR CARBOPOLS)

L20 19413 CARBOMER OR THICKNER OR THICKENING AGENT OR PEMULEN OR CARBOPOL

=> s L19 and L20

L21 20 L19 AND L20

=> dup rem L21

PROCESSING COMPLETED FOR L21

L22 20 DUP REM L21 (0 DUPLICATES REMOVED)

=> d 1-20 ibib abs

L22 ANSWER 1 OF 20 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2005:36535 CAPLUS

DOCUMENT NUMBER: 142:120183

TITLE: Foaming make-up removing cleansing compositions containing water dispersible components and foaming surfactants and propoxylated fatty alcohols

INVENTOR(S): Lukenbach, Elvin R.; Coret, Catherine

PATENT ASSIGNEE(S): USA

SOURCE: U.S. Pat. Appl. Publ., 14 pp., Cont.-in-part of U.S. Ser. No. 604,449.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 4

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---------------|------|----------|-----------------|----------|
| US 2005009717 | A1 | 20050113 | US 2004-862634 | 20040607 |
| WO 2001001949 | A1 | 20010111 | WO 2000-US17431 | 20000623 |

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,

CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

US 2004167046 A1 20040826 US 2004-776420 20040211
 PRIORITY APPLN. INFO.: US 1999-141927P P 19990701
 WO 2000-US17431 A 20000623
 US 2000-604449 A2 20000627

AB The present invention relates to cleansing compns. suitable for use in personal cleansing applications, and in particular make-up removal applications, which impart superior cleansing properties and are comprised of a liquid, water-insol. propoxylated fatty alc., water dispersible components, water, and foaming surfactants. Also disclosed are compns. for effectively depositing various benefit agents into and onto the skin. For example, a foaming facial cleanser contained disodium EDTA 0.1, Glycerin 917 3.0, Rhodicare T 0.1, Monateric 949J 8.0, Tegobetaine L7 7.0, Rhodacal A-246L 6.0, Glycerox 767 1.0, Crodesta SL40 1.0, **hexylene glycol** 1.0, Phenonip 1.0, Tween 20 2.0, Aquafleur Mod A 0.3, Arlasove 200 0.9, citric acid 1.0 and water 65.9%.

L22 ANSWER 2 OF 20 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2005:449684 CAPLUS
 DOCUMENT NUMBER: 142:487136
 TITLE: Scalp and hair care compositions containing polymer microgels as thickeners
 INVENTOR(S): Takeda, Shunsuke; Nishimoto, Takako; Kaneda, Isamu; Sogabe, Atsushi
 PATENT ASSIGNEE(S): Shiseido Co., Ltd., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 26 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|------|----------|-----------------|----------|
| JP 2005132782 | A2 | 20050526 | JP 2003-371559 | 20031031 |
| PRIORITY APPLN. INFO.: | | | JP 2003-371559 | 20031031 |

AB The compns. which comprise organic solvents or oils as dispersants and water as the dispersed phase, contain (A) thickeners comprising microgels obtained by radical polymerization of water-soluble ethylenically unsatd. monomers in the dispersed phase and (B) EtOH. Dimethylacrylamide (40 g) and 9 g 2-acrylamido-2-methylpropanesulfonic acid were polymerized in a microemulsion in the presence of (NH4)2S2O8 and emulsifiers at 65-70° for 3 h to give a microgel, which was precipitated by mixing with Me2CO, washed, and dried to give microgel powder. A composition containing 80.0 weight% EtOH, 0.3 weight% of the microgel powder, effective components, and additives showed viscosity 4000 mPa-s. Hair tonics, lotions, and styling gels were formulated and their effectiveness in humans were tested.

L22 ANSWER 3 OF 20 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2003:815249 CAPLUS
 DOCUMENT NUMBER: 139:311936
 TITLE: A pyridinedicarboxylic acid or its salts to stimulate or induce hair growth and/or to prevent its loss
 INVENTOR(S): Dalko, Maria; Loussouarn, Genevieve; El Rawadi, Charles; Boule, Christophe; Bernard, Bruno

PATENT ASSIGNEE(S): L'Oreal, Fr.
 SOURCE: Eur. Pat. Appl., 17 pp.
 CODEN: EPXXDW
 DOCUMENT TYPE: Patent
 LANGUAGE: French
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|------------|
| EP 1352629 | A1 | 20031015 | EP 2003-290848 | 20030404 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK | | | | |
| FR 2838336 | A1 | 20031017 | FR 2002-4527 | 20020411 |
| FR 2838336 | B1 | 20050603 | | |
| JP 2003300841 | A2 | 20031021 | JP 2003-106189 | 20030410 |
| US 2003223945 | A1 | 20031204 | US 2003-410402 | 20030410 |
| PRIORITY APPLN. INFO.: | | | | |
| | | | FR 2002-4527 | A 20020411 |
| | | | US 2002-372414P | P 20020416 |

OTHER SOURCE(S): MARPAT 139:311936
 AB A hair composition contains a pyridinedicarboxylic acid or its salts to stimulate or induce hair growth and/or to prevent its loss. Thus, a lotion contained di-Et 2,4-pyridinecarboxylate 0.80, **propylene glycol** 10.00, and **isopropanol** to 100.00 g.
 REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L22 ANSWER 4 OF 20 CAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2002:122762 CAPLUS
 DOCUMENT NUMBER: 136:172778
 TITLE: Compositions containing minoxidil for hair loss treatment
 INVENTOR(S): Pena, Lorraine Elisabeth; Wu, Maw-Sheng
 PATENT ASSIGNEE(S): Pharmacia AB, Swed.
 SOURCE: PCT Int. Appl., 37 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|----------|
| WO 2002011698 | A1 | 20020214 | WO 2001-SE1269 | 20010607 |
| WO 2002011698 | C2 | 20030403 | | |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW | | | | |
| RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG | | | | |
| CA 2417630 | AA | 20020214 | CA 2001-2417630 | 20010607 |
| AU 2001064481 | A5 | 20020218 | AU 2001-64481 | 20010607 |
| EP 1307181 | A1 | 20030507 | EP 2001-938910 | 20010607 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR | | | | |
| BR 2001013087 | A | 20030708 | BR 2001-13087 | 20010607 |
| JP 2004505906 | T2 | 20040226 | JP 2002-517035 | 20010607 |
| NZ 523878 | A | 20040924 | NZ 2001-523878 | 20010607 |
| ZA 2003000884 | A | 20040219 | ZA 2003-884 | 20030131 |

NO 2003000610 A 20030409 NO 2003-610 20030207
 PRIORITY APPLN. INFO.: US 2000-634399 A 20000809
 WO 2001-SE1269 W 20010607

AB Novel compns. comprising minoxidil, a **thickening agent**, and an acceptable solvent are presented. A process is also presented for making a gel composition comprising minoxidil, and methods for using the compns. for treating and preventing hair loss in patients. Thus, the 1st part of the composition comprised a solution containing minoxidil 50.7, **propylene glycol** 526, alc. 130, and AMP-95 1.5 mg. The 2nd part comprised a dispersion containing **Pemulen** TR-1 2.5, water 153, and alc. 136.3 mg. The 2 parts were mixed to give a gel which had excellent clarity, smooth consistency, and a moderate viscosity.

REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L22 ANSWER 5 OF 20 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2002:221199 CAPLUS

DOCUMENT NUMBER: 136:267913

TITLE: Personal care compositions containing one ester and a water dispersible component

INVENTOR(S): Lukenbach, Elvin R.; Kaminski, Claudia; Pascal-Suisse, Sandrine; Tahar, Maurice; Ruggiero, Monica

PATENT ASSIGNEE(S): Johnson & Johnson Consumer Companies, Inc., USA

SOURCE: U.S. Pat. Appl. Publ., 26 pp., Cont.-in-part of U. S. Ser. No. 604,563.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 4

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|-------------|
| US 2002035046 | A1 | 20020321 | US 2000-745270 | 20001221 |
| US 6762158 | B2 | 20040713 | | |
| WO 2001001949 | A1 | 20010111 | WO 2000-US17431 | 20000623 |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM | | | | |
| RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG | | | | |
| CA 2365818 | AA | 20020621 | CA 2001-2365818 | 20011221 |
| EP 1216685 | A2 | 20020626 | EP 2001-310796 | 20011221 |
| EP 1216685 | A3 | 20040331 | | |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR | | | | |
| AU 2001097359 | A5 | 20020627 | AU 2001-97359 | 20011221 |
| CN 1366874 | A | 20020904 | CN 2001-125342 | 20011221 |
| JP 2002322045 | A2 | 20021108 | JP 2001-402978 | 20011221 |
| BR 2001006909 | A | 20031014 | BR 2001-6909 | 20011221 |
| PRIORITY APPLN. INFO.: | | | | |
| | | | US 1999-141927P | P 19990701 |
| | | | WO 2000-US17431 | W 20000623 |
| | | | US 2000-604563 | A2 20000627 |
| | | | US 2000-745270 | A 20001221 |

AB Personal care compns. suitable for use in skin care applications, which effectively deliver and/or deposit various benefit agents into and onto the skin and which are relatively non-irritating and thus suitable for use by people having sensitive skin and eyes comprise at least one ester and a water dispersible component. A lipophilic phase was prepared containing isostearyl palmitate, isononyl isononanoate, cetyl octanoate,

pentaerythritol tetraoctanoate, and cyclomethicone, and a hydrophilic phase was prepared containing water, **Carbopol Ultrez**, Crodesta SL-40, Glycerox 767, **hexylene glycol**, methylparaben, and propylparaben, and a NaOH solution was added to the hydrophilic phase with stirring and the lipophilic phase was then added.

REFERENCE COUNT: 84 THERE ARE 84 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L22 ANSWER 6 OF 20 CAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2001:747564 CAPLUS
 DOCUMENT NUMBER: 135:293970
 TITLE: Cosmetic and pharmaceutical compositions and methods using 2-decarboxy-2-phosphinico prostaglandin derivatives
 INVENTOR(S): Delong, Mitchell Anthony; Mciver, John Mcmillan; Youngquist, Robert Scott
 PATENT ASSIGNEE(S): The Procter + Gamble Company, USA
 SOURCE: PCT Int. Appl., 54 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|--|----------|-----------------|------------|
| WO 2001074314 | A2 | 20011011 | WO 2001-US10369 | 20010330 |
| WO 2001074314 | A3 | 20020221 | | |
| W: | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM | | | |
| RW: | GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG | | | |
| US 2002013294 | A1 | 20020131 | US 2001-774558 | 20010131 |
| CA 2401888 | AA | 20011011 | CA 2001-2401888 | 20010330 |
| EP 1267806 | A2 | 20030102 | EP 2001-926505 | 20010330 |
| R: | AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR | | | |
| JP 2003528898 | T2 | 20030930 | JP 2001-572060 | 20010330 |
| PRIORITY APPLN. INFO.: | | | US 2000-193845P | P 20000331 |
| | | | WO 2001-US10369 | W 20010330 |

OTHER SOURCE(S): MARPAT 135:293970

AB Comps. containing 2-decarboxy-2-phosphinico prostaglandin derivs. is described for treating hair loss in mammals. The comps. can be applied topically to the skin to arrest hair loss, reverse hair loss, and promote hair growth. Comps. containing 2-decarboxy-2-phosphinico prostaglandin derivs. can also be used to lower intraocular pressure and treat bone disorders. A composition comprises a prostaglandin analog, an activity enhancer, such as a hair growth stimulant and a penetration enhancer, and a sufficient amount of a component selected from the group consisting of emollients, propellants, solvents, humectants, thickeners, powders, fragrances, water, alcs., aloe vera gel, allantoin, glycerin, vitamin A and E oils, mineral oil, **propylene glycol**, polypropylene glycol-2 myristyl propionate, di-Me isosorbide, and combinations thereof. For example, a composition for topical administration was prepared comprising (by weight) a prostaglandin (IC50 = 114 nM) 1.14%, **ethanol** 59.32%, **propylene glycol** 19.77%, and di-Me isosorbide 19.77%. Also, a shampoo was made containing ammonium lauryl sulfate 11.5%, ammonium laureth sulfate 4%, cocamide MEA 2%, ethylene

glycol distearate 2%, cetyl alc. 2%, stearyl alc. 1.2%, glycerin 1%, sodium chloride 0.1%, sucrose polyesters of cottonate fatty acid 3%, sucrose polyesters of behenate fatty acid 2%, lauryl di-Me amine oxide 1.5%, DMDM hydantoin 0.15%, prostaglandin (IC = 150 nM) 0.15%, phenoxyethanol 0.5%, fragrance 0.5%, and water up to 100%. A tablet formulation was also prepared containing a prostaglandin 5 mg, microcryst. cellulose 100 mg, sodium starch glycolate 30 mg, and magnesium stearate 3 mg per tablet. When administered orally once daily, the above composition substantially increases bone volume in a patient suffering from osteoporosis.

L22 ANSWER 7 OF 20 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2001:747558 CAPLUS
DOCUMENT NUMBER: 135:293969
TITLE: Compositions and methods for treating hair loss using oximyl- and hydroxylamino-prostaglandins
INVENTOR(S): Delong, Mitchell Anthony; Mciver, John Mcmillan; Youngquist, Robert Scott
PATENT ASSIGNEE(S): The Procter + Gamble Company, USA
SOURCE: PCT Int. Appl., 72 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|------------|
| WO 2001074307 | A2 | 20011011 | WO 2001-US10547 | 20010330 |
| WO 2001074307 | A3 | 20020411 | | |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM | | | | |
| RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG | | | | |
| US 2002146439 | A1 | 20021010 | US 2001-774556 | 20010131 |
| CA 2401269 | AA | 20011011 | CA 2001-2401269 | 20010330 |
| EP 1267808 | A2 | 20030102 | EP 2001-926535 | 20010330 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR | | | | |
| JP 2003528895 | T2 | 20030930 | JP 2001-572053 | 20010330 |
| PRIORITY APPLN. INFO.: | | | | |
| | | | US 2000-193844P | P 20000331 |
| | | | WO 2001-US10547 | W 20010330 |

OTHER SOURCE(S): MARPAT 135:293969

AB A composition for treating hair loss in mammals comprises a prostaglandin analog, an activity enhancer in an amount of 1-20%, and a sufficient amount of a component selected from the group consisting of emollients, propellants, solvents, humectants, thickeners, powders, fragrances, water, alcs., aloe vera gel, allantoin, glycerin, vitamin A and E oils, mineral oil, **propylene glycol**, polypropylene glycol-2 myristyl propionate, di-Me isosorbide, and combinations thereof. The compns. can be applied topically to the skin to arrest hair loss, reverse hair loss, and promote hair growth. A composition for topical administration was prepared comprising (by weight) a prostaglandin (IC50 = 150 nM) 0.1%, **ethanol** 59.9%, **propylene glycol** 20.0%, and di-Me isosorbide 20.0%. Also, a shampoo was made containing ammonium lauryl sulfate 11.5%, ammonium laureth sulfate 4%, cocamide MEA 2%, ethylene glycol distearate 2%, cetyl alc. 2%, stearyl alc. 1.2%, glycerin 1%, sodium chloride 0.1%, sucrose polyesters of cottonate fatty acid 3%, sucrose polyesters of

behenate fatty acid 2%, lauryl di-Me amine oxide 1.5%, DMDM hydantoin 0.15%, prostaglandin (IC50 = 150 nM) 0.15%, phenoxyethanol 0.5%, fragrance 0.5%, and water up to 100%. A topical pharmaceutical composition for lowering intraocular pressure was also prepared containing prostaglandin 0.004%, dextran 70 0.1%, hydroxypropyl Me cellulose 0.3%, sodium chloride 0.77%, potassium chloride 0.12%, disodium EDTA 0.05%, benzalkonium 0.01%, HCl and/or NaOH to pH 7.2-7.5, and water to 100%. The composition was administered ocularly to a subject once per day for 6 to 12 wk to promote eyelash growth.

L22 ANSWER 8 OF 20 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2001:247135 CAPLUS
DOCUMENT NUMBER: 134:271258
TITLE: Dermal drug delivery of phase changing formulation
INVENTOR(S): Zhang, Jie
PATENT ASSIGNEE(S): Zars, USA
SOURCE: PCT Int. Appl., 81 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|------------|
| WO 2001022907 | A1 | 20010405 | WO 2000-US26478 | 20000927 |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW | | | | |
| RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE | | | | |
| US 2002004063 | A1 | 20020110 | US 1999-407720 | 19990928 |
| US 6528086 | B2 | 20030304 | | |
| CA 2386017 | AA | 20010405 | CA 2000-2386017 | 20000927 |
| EP 1244401 | A1 | 20021002 | EP 2000-966921 | 20000927 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL | | | | |
| JP 2003510259 | T2 | 20030318 | JP 2001-526122 | 20000927 |
| PRIORITY APPLN. INFO.: | | | | |
| | | | US 1999-407720 | A 19990928 |
| | | | WO 2000-US26478 | W 20000927 |

AB This invention relates to an apparatus and method of drug delivery on a human body surface. The formulation comprises a drug, a conversion agent capable of converting the formulation from a less solid phase to a coherent, soft, solid phase, and a vehicle medium or carrier for the drug and conversion agent. The drug formulation is applied to this human body surface in its less than solid phase and is subsequently converted to a soft solid phase while the drug is being delivered through the human body surface. After delivery of the drug is complete, the soft solid formulation can be removed or peeled from the body surface as a coherent solid formulation. The drug formulation provides control over drug delivery rates and allows the formulation to be removed without leaving a messy, residual formulation on the body surface. A formulation containing eutectic mixture of lidocaine and tetracaine (1:1) 4.7, polyvinyl alc. 9.3, glycerol 16, lecithin 2.3, Water Lock A-100 1.6, and water q.s. to 100 % was prepared, and applied onto the facial skin with a specific applicator. After 30-45 min, the skin was anesthetized, and the formulation becomes a layer of coherent and soft solid. The coherent and soft layer was peeled off the facial skin, and the facial skin was ready to be operated on.

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L22 ANSWER 9 OF 20 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2001:31299 CAPLUS
 DOCUMENT NUMBER: 134:105631
 TITLE: Cleansing compositions containing esters and silicones
 INVENTOR(S): Lukenbach, Elvin R.; Kaminski, Claudia; Pascal-Suisse, Sandrine; Tahar, Maurice
 PATENT ASSIGNEE(S): Johnson and Johnson Consumer Companies, Inc., USA
 SOURCE: PCT Int. Appl., 70 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 4
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|----------|
| WO 2001001949 | A1 | 20010111 | WO 2000-US17431 | 20000623 |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG | | | | |
| US 2002035046 | A1 | 20020321 | US 2000-745270 | 20001221 |
| US 6762158 | B2 | 20040713 | | |
| US 2005009717 | A1 | 20050113 | US 2004-862634 | 20040607 |
| PRIORITY APPLN. INFO.: US 1999-141927P P 19990701 WO 2000-US17431 W 20000623 US 2000-604449 A2 20000627 US 2000-604563 A2 20000627 | | | | |

AB Cleansing compns. suitable for use in personal cleansing applications, and in particular make-up removal applications, which not only impart superior cleansing properties, but also which are relatively non-irritating and thus suitable for use by people having sensitive skin and eyes, comprise esters, liquid silicones, and a water dispersible components. Also disclosed are compns. for effectively depositing various benefit agents into and onto the skin. Thus, a composition contained Arlacel P-135 1.1, Wickenol 3.0, Hallstar AB 3.0, Dow 344 Fluid 3.0, Retinol-50C 0.69, Carbopol Ultrez, Trivasol BW 1.0, methylparaben 0.20, propylparaben 0.10, Pelemol TIPC 1.0, NaOH 0.190, and water 86.320% by weight
 REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L22 ANSWER 10 OF 20 CAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2001:195116 CAPLUS
 DOCUMENT NUMBER: 134:227146
 TITLE: Use of a substance P antagonist in a cosmetic for prevention of skin sensitivity
 INVENTOR(S): De la Charriere, Olivier; Breton, Lionel
 PATENT ASSIGNEE(S): Societe L'Oreal S.A., Fr.
 SOURCE: U.S., 9 pp., Cont. of U.S. Ser. No. 358,562, abandoned.
 CODEN: USXXAM
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------|------|----------|-----------------|----------|
| US 6203803 | B1 | 20010320 | US 1997-881272 | 19970624 |
| US 6235291 | B1 | 20010522 | US 1996-611549 | 19960311 |

| | | | | |
|------------------------|----|----------|----------------|-------------|
| US 6333042 | B1 | 20011225 | US 2000-584724 | 20000601 |
| US 2001014342 | A1 | 20010816 | US 2000-735638 | 20001214 |
| PRIORITY APPLN. INFO.: | | | US 1994-358562 | B1 19941214 |
| | | | FR 1995-5537 | A 19950505 |
| | | | FR 1994-5537 | A 19940505 |
| | | | US 1996-611549 | A1 19960311 |
| | | | US 1997-881272 | A1 19970624 |

AB The invention concerns the use of a substance P antagonist in a cosmetic composition used to treat sensitive skin. More specifically, the invention relates to a substance P antagonist used to prevent and/or combat skin irritations, desquamation, erythemas, sensations of dysesthesia/overheating, or pruritus of the skin. A make-up removal face lotion contained Spantide II 5.00, antioxidant 0.05, **isopropanol** 40.00, preservative 0.30, and water q.s. 100%.

REFERENCE COUNT: 68 THERE ARE 68 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L22 ANSWER 11 OF 20 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2000:107287 CAPLUS
DOCUMENT NUMBER: 132:269826
TITLE: Pyrimidine-azole derivative combinations for inducing an/or stimulating hair growth and/or reducing its loss
INVENTOR(S): Saint, Leger Didier; Lang, Gerard
PATENT ASSIGNEE(S): Oreal S. A., Fr.
SOURCE: Fr. Demande, 22 pp.
CODEN: FRXXBL
DOCUMENT TYPE: Patent
LANGUAGE: French
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------|------|----------|-----------------|----------|
| FR 2779053 | A1 | 19991203 | FR 1998-6749 | 19980528 |
| FR 2779053 | B1 | 20000713 | | |

PRIORITY APPLN. INFO.: FR 1998-6749 19980528

AB Pyrimidine-azole derivative combinations are used for inducing an/or stimulating hair growth and/or reducing its loss. A lotion for the prevention of hair loss contained 2,4-diaminopyrimidine-3-oxide 3, ketoconazole 0.5, **propylene glycol** 20, **ethanol** 30, and water q.s. 100 g.

L22 ANSWER 12 OF 20 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1998:140749 CAPLUS
DOCUMENT NUMBER: 128:158950
TITLE: Composition for applying active substances to or through the skin
INVENTOR(S): Touitou, Elka
PATENT ASSIGNEE(S): Yissum Research Development Co. of the Hebrew University of Jerusalem, Israel
SOURCE: U.S., 16 pp., Cont.-in-part of U.S. 5,540,934.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------|------|----------|-----------------|----------|
| US 5716638 | A | 19980210 | US 1995-563144 | 19951127 |
| US 5540934 | A | 19960730 | US 1994-264204 | 19940622 |
| IL 114229 | A1 | 19990509 | IL 1995-114229 | 19950620 |
| ZA 9505193 | A | 19970324 | ZA 1995-5193 | 19950622 |
| AU 9944722 | A1 | 19991028 | AU 1999-44722 | 19990825 |

AU 756675 B2 20030123
 PRIORITY APPLN. INFO.: US 1994-264204 A2 19940622
 AU 1995-29776 A3 19950621

AB Disclosed is a cosmetic or medical composition for topical application to the skin. It results in the transdermal passage of an active ingredient, or in the introduction of such agent into the skin. The essential components of such compns. are phospholipids, an aliphatic alc. of three or four carbon atoms or a combination of these alcs., water and a compatible active ingredient, optionally with **propylene glycol**. Compns. advantageously comprise from 0.5% to 10% phospholipids, from 5% to 35% of a C3-4-alc., 15 to 30% **ethanol**, which contain together at least 20% but not more than 40% of **ethanol** and the C3-alc.; up to 20% **propylene glycol**, at least 20% water and at least one active ingredient. The compns. are suitable for the topical application of a wide variety of cosmetic and pharmaceutically active compds: Phospholipids of choice are phosphatidylcholines, hydrogenated phosphatidylcholines, phosphatidic acids, phosphatidylserines, phosphatidylethanolamines, phosphatidylglycerols and phosphatidylinositols. For example, liposomes containing diclofenac Na 1, phospholipids 1, **Carbopol** 934 0.9, 10 % NH4OH solution 1.8, **ethanol** 21.9, and **propylene glycol** 4.16 % were formulated.

REFERENCE COUNT: 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L22 ANSWER 13 OF 20 CAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 1997:267037 CAPLUS
 DOCUMENT NUMBER: 126:255279
 TITLE: Cosmetic or pharmaceutical compositions containing Filicium extracts
 INVENTOR(S): Bonte, Frederic; Dumas, Marc; Lavaud, Catherine; Massiot, Georges
 PATENT ASSIGNEE(S): Lvmh Recherche, Fr.
 SOURCE: Fr. Demande, 20 pp.
 CODEN: FRXXBL
 DOCUMENT TYPE: Patent
 LANGUAGE: French
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|--|------|----------|-----------------|----------|
| FR 2735982 | A1 | 19970103 | FR 1995-7708 | 19950627 |
| FR 2735982 | B1 | 19970919 | | |
| WO 9701346 | A1 | 19970116 | WO 1996-FR998 | 19960627 |
| W: JP, US | | | | |
| RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE | | | | |
| EP 835121 | A1 | 19980415 | EP 1996-924025 | 19960627 |
| R: CH, DE, ES, FR, GB, IT, LI | | | | |

PRIORITY APPLN. INFO.: FR 1995-7708 A 19950627
 WO 1996-FR998 W 19960627

AB A composition containing 0.0001-3% exts. of Filicium, e.g., Filicium decipiens for cosmetic or pharmaceutical uses is described. This composition stimulates the production of glycosaminoglycans in the skin, thus making it useful for skin- or hair-care preps. The root bark of F. decipiens (54 g), collected in South Africa, was macerated with 500 mL MeOH for 1.5 h. The extract was boiled for 3 h, cooled, filtered and treated with 500 mL acetone. A precipitate obtained was separated, dried, purified by dialysis, and the extract rich in saponins was used for the formulations. A hydrating gel was prepared from the following components: the plant extract 0.5, EtOH 5, **glycerol** 4, **Carbopol** 940 1.3, water and preservatives to 100 g.

L22 ANSWER 14 OF 20 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1997:267035 CAPLUS
DOCUMENT NUMBER: 126:255475
TITLE: Pharmaceutical and cosmetic compositions containing
extracts of Foetidia species
INVENTOR(S): Bonte, Frederic; Dumas, Marc; Lavaud, Catherine;
Massiot, Georges
PATENT ASSIGNEE(S): Lvmh Recherche, Fr.
SOURCE: Fr. Demande, 20 pp.
CODEN: FRXXBL
DOCUMENT TYPE: Patent
LANGUAGE: French
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------|------|----------|-----------------|----------|
| FR 2735981 | A1 | 19970103 | FR 1995-7707 | 19950627 |
| FR 2735981 | B1 | 19970919 | | |
| WO 9701345 | A1 | 19970116 | WO 1996-FR997 | 19960627 |

W: JP, US

RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE

PRIORITY APPLN. INFO.: FR 1995-7707 A 19950627

AB Pharmaceutical and cosmetic compns. containing exts. of Foetidia species are useful for the stimulation of glycosaminoglycans production in the skin and thus moisturizing skin and hair. Methanolic extract of F. africana bark (49 g in 500 mL) was precipitated with acetone, filtered, dialyzed against water and

lyophilized to obtain 724 mg lyophilizate rich in saponins. The above extract at a concentration of 10 µg/mL increased the production of glycosaminoglycans by human fibroblasts significantly. A gel contained above extract 0.5, ethanol 5, glycerol 4, Carbopol 940 1.3, and water q.s. 100 g.

L22 ANSWER 15 OF 20 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1996:513636 CAPLUS
DOCUMENT NUMBER: 125:151165
TITLE: Topical pharmaceuticals containing substance P antagonists for decreasing the effects of irritant ingredients
INVENTOR(S): De Lacharriere, Olivier; Breton, Lionel
PATENT ASSIGNEE(S): Oreal S. A., Fr.
SOURCE: Fr. Demande, 15 pp.
CODEN: FRXXBL
DOCUMENT TYPE: Patent
LANGUAGE: French
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|----------|
| FR 2728166 | A1 | 19960621 | FR 1994-15253 | 19941219 |
| FR 2728166 | B1 | 19970207 | | |
| EP 722736 | A1 | 19960724 | EP 1995-402502 | 19951109 |
| EP 722736 | B1 | 20010131 | | |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE | | | | |
| AT 198986 | E | 20010215 | AT 1995-402502 | 19951109 |
| PT 722736 | T | 20010531 | PT 1995-402502 | 19951109 |
| ES 2157307 | T3 | 20010816 | ES 1995-402502 | 19951109 |
| BR 9505408 | A | 19971028 | BR 1995-5408 | 19951213 |
| CA 2165521 | AA | 19960620 | CA 1995-2165521 | 19951218 |
| CA 2165521 | C | 20020716 | | |
| JP 08208505 | A2 | 19960813 | JP 1995-329297 | 19951218 |

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|------------------------|----|----------|----------------|-------------|
| HU 74830 | A2 | 19970228 | HU 1995-3623 | 19951218 |
| HU 218936 | B | 20010129 | | |
| RU 2124353 | C1 | 19990110 | RU 1995-121151 | 19951218 |
| US 5824650 | A | 19981020 | US 1995-575682 | 19951219 |
| US 5972892 | A | 19991026 | US 1998-94558 | 19980615 |
| GR 3035652 | T3 | 20010629 | GR 2001-400502 | 20010329 |
| PRIORITY APPLN. INFO.: | | | FR 1994-15253 | A 19941219 |
| | | | US 1995-575682 | A3 19951219 |

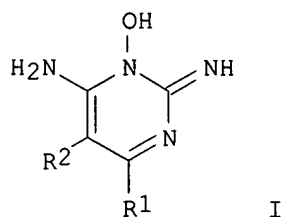
AB Topical pharmaceuticals contain substance P antagonists for decreasing the effects of irritant ingredients. The substance P antagonists are peptides, a nitrogen compds., or a nitrogen-, sulfur-, or oxygen-containing heterocyclic compound A cream contained spantide II 0.25, **glycerol** stearate 2, Polysorbate 60 1, stearic acid 1.4, metronidazole 1, triethanolamine 0.7, **Carbomer** 0.4, karite butter 12, vaseline oil 12, antioxidant 0.05, preservatives 0.3, fragrance 0.5, and water q.s. 100%.

L22 ANSWER 16 OF 20 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1996:196792 CAPLUS
DOCUMENT NUMBER: 124:241745
TITLE: Pyrimidine derivatives for stimulation of hair growth and prevention of hair loss
PATENT ASSIGNEE(S): Oreal S. A., Fr.
SOURCE: Austrian, 9 pp.
CODEN: AUXXAK
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|--------|------------|-----------------|----------|
| ----- | --- | ----- | ----- | ----- |
| AT 400515 | B | 19960125 | AT 1987-2693 | 19871012 |
| PRIORITY APPLN. INFO.: | | | AT 1987-2693 | 19871012 |
| OTHER SOURCE(S): | MARPAT | 124:241745 | | |

GI



AB Pyrimidine derivs. I [R1 = (substituted) amino; R2 = H, alk(en)yl, alkylalkoxy, cycloalkyl, aryl, etc.], in a thickened aqueous medium at a concentration (0.2-5 weight%) greater than their solubility (i.e. at least partially as a suspension of micronized particles), stimulate hair growth and retard hair loss. Thus, 3 g micronized I (R1 = piperidino, R2 = H) was suspended in an aqueous medium containing **Carbopol** 934 1.0, 2-butoxyethanol 4.5, 2-amino-2-methyl-1-propanol to pH 8.5, preservative, and water to 100.0 g; the final viscosity was 7.2 Pa s at 25°.

L22 ANSWER 17 OF 20 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1990:125224 CAPLUS
DOCUMENT NUMBER: 112:125224
TITLE: Topical gels containing minoxidil and glycols
INVENTOR(S): Pena, Lorraine E.

PATENT ASSIGNEE(S): Upjohn Co., USA
 SOURCE: PCT Int. Appl., 14 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|----------|
| WO 8907436 | A1 | 19890824 | WO 1988-US403 | 19880218 |
| W: AU, DK, FI, JP, KR, NO, US | | | | |
| RW: AT, BE, CH, DE, FR, GB, IT, LU, NL, SE | | | | |
| AU 8813684 | A1 | 19890906 | AU 1988-13684 | 19880218 |
| AU 615901 | B2 | 19911017 | | |
| EP 417075 | A1 | 19910320 | EP 1988-902308 | 19880218 |
| EP 417075 | B1 | 19930609 | | |
| R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE | | | | |
| JP 03502792 | T2 | 19910627 | JP 1988-502148 | 19880218 |
| AT 90195 | E | 19930615 | AT 1988-902308 | 19880218 |
| DK 9001802 | A | 19900727 | DK 1990-1802 | 19900727 |
| DK 167207 | B1 | 19930920 | | |
| NO 9003599 | A | 19900815 | NO 1990-3599 | 19900815 |
| NO 178782 | B | 19960226 | | |
| NO 178782 | C | 19960605 | | |
| US 5225189 | A | 19930706 | US 1990-566438 | 19900817 |
| FI 96742 | B | 19960515 | FI 1990-4077 | 19900817 |
| FI 96742 | C | 19960826 | | |

PRIORITY APPLN. INFO.: EP 1988-902308 A 19880218
 WO 1988-US403 A 19880218

AB A gel composition comprises, **Carbomer** 0.25-1.5, minoxidil 0.001-3, glycol 0.01-30, EtOH or iso-PrOH 20-40, and a water- and alc.- soluble amine 0.25-1.5, and water up to 100%. The ratio of minoxidil to the glycol is sufficient for a saturated solution of minoxidil. A topical gel consisted of 3 different parts, which were prepared sep. Part A contained **Carbopol** 934p 0.45% and water to 100%, and part B contained minoxidil 1, **propylene glycol** 10, EtOH 13, diisopropanolamine 0.45%, whereas part C contained EtOH 27%. Part A was mixed with part C and when a uniform mixture was obtained part B was added and mixed under vacuum until a uniform gel was prepared

L22 ANSWER 18 OF 20 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1989:534182 CAPLUS
 DOCUMENT NUMBER: 111:134182
 TITLE: Preparation and use of oxadiazolopyrimidinones for treatment of hair loss
 INVENTOR(S): Maignan, Jean; Restle, Serge; Lang, Gerard
 PATENT ASSIGNEE(S): Oreal S. A., Fr.
 SOURCE: PCT Int. Appl., 66 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: French
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|----------|
| WO 8900996 | A1 | 19890209 | WO 1988-FR392 | 19880729 |
| W: JP, US | | | | |
| EP 303871 | A1 | 19890222 | EP 1988-112300 | 19880729 |
| EP 303871 | B1 | 19921209 | | |
| R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, NL, SE | | | | |
| EP 304665 | A1 | 19890301 | EP 1988-112301 | 19880729 |
| EP 304665 | B1 | 19920415 | | |

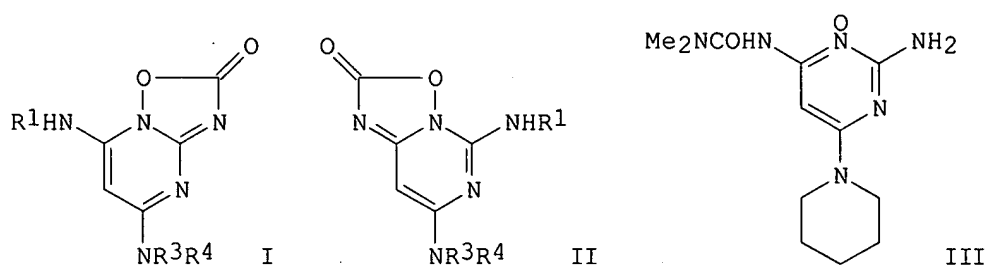
R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, NL, SE

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| JP 01061466 | A2 | 19890308 | JP 1988-188535 | 19880729 |
| JP 02500278 | T2 | 19900201 | JP 1988-506637 | 19880729 |
| US 4945093 | A | 19900731 | US 1988-225849 | 19880729 |
| AT 74913 | E | 19920515 | AT 1988-112301 | 19880729 |
| AT 83234 | E | 19921215 | AT 1988-112300 | 19880729 |
| ES 2032501 | T3 | 19930216 | ES 1988-112301 | 19880729 |
| CA 1334751 | A1 | 19950314 | CA 1988-573494 | 19880729 |
| CA 1334847 | A1 | 19950321 | CA 1988-573495 | 19880729 |
| US 5034387 | A | 19910723 | US 1990-487217 | 19900221 |

PRIORITY APPLN. INFO.:

| | | | | |
|--|--|--|----------------|-------------|
| | | | LU 1987-86959 | A 19870731 |
| | | | EP 1988-112300 | A 19880729 |
| | | | EP 1988-112301 | A 19880729 |
| | | | US 1988-225849 | A3 19880729 |
| | | | WO 1988-FR392 | W 19880729 |

OTHER SOURCE(S): MARPAT 111:134182
GI

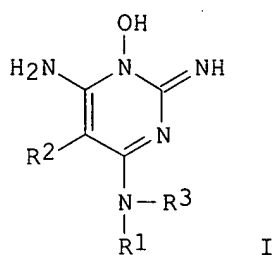


AB. Oxadiazolopyrimidinones I and II [R1 = H, CONHR2; R2 = H, (cyclo)alkyl, alkenyl, (un)substituted aryl, aralkyl; R3, R4 = H, (un)substituted alkyl, alkenyl, cycloalkyl, aryl, aralkyl; NR3R4 = heterocyclyl] are prepared as agents for effecting regrowth of hair (no data). Acylation of 2,4-diamino-6-piperidinopyrimidine 3-oxide by Me2NCOCl in Me2SO gave pyrimidinylurea III, which was cyclized by refluxing in PhMe to give II (R1 = H, NR3R4 = piperidino) (IV). A gel for treating hair loss contains micronized IV 5.0, **Carbopol 934** 0.5, **propylene glycol** 4.5, preservative 0.15 g, Me2C(NH2)CH2OH to pH = 7, and H2O to 100.0 g.

L22 ANSWER 19 OF 20 CAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 1988:515856 CAPLUS
 DOCUMENT NUMBER: 109:115856
 TITLE: Hair preparations containing pyrimidine derivatives and **thickening agents** in a suspension
 INVENTOR(S): Grollier, Jean Francois
 PATENT ASSIGNEE(S): Oreal S. A., Fr.
 SOURCE: Ger. Offen., 7 pp.
 CODEN: GWXXBX
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------|------|----------|-----------------|----------|
| DE 3726177 | A1 | 19880211 | DE 1987-3726177 | 19870806 |
| DE 3726177 | C2 | 19920409 | | |
| CH 675965 | A | 19901130 | CH 1987-3010 | 19870805 |
| SE 8703068 | A | 19880208 | SE 1987-3068 | 19870806 |
| SE 503269 | C2 | 19960429 | | |

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|------------------------|--------|------------|----------------|------------|
| AU 8776619 | A1 | 19880211 | AU 1987-76619 | 19870806 |
| AU 608763 | B2 | 19910418 | | |
| FR 2602424 | A1 | 19880212 | FR 1987-11207 | 19870806 |
| FR 2602424 | B1 | 19910816 | | |
| NL 8701853 | A | 19880301 | NL 1987-1853 | 19870806 |
| GB 2194887 | A1 | 19880323 | GB 1987-18612 | 19870806 |
| GB 2194887 | B2 | 19910130 | | |
| ES 2007390 | A6 | 19890616 | ES 1987-2315 | 19870806 |
| BE 1001044 | A5 | 19890620 | BE 1987-870 | 19870806 |
| CA 1294882 | A1 | 19920128 | CA 1987-543885 | 19870806 |
| DK 8704136 | A | 19880208 | DK 1987-4136 | 19870807 |
| DK 168190 | B1 | 19940228 | | |
| JP 63044512 | A2 | 19880225 | JP 1987-198011 | 19870807 |
| PRIORITY APPLN. INFO.: | | | LU 1986-86547 | A 19860807 |
| OTHER SOURCE(S): | MARPAT | 109:115856 | | |
| GI | | | | |

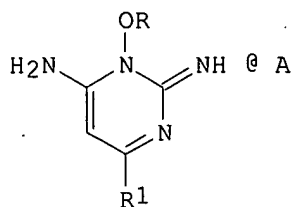


AB The title composition contains pyrimidine derivs. (I; R1, R3 = H, C1-4 alkyl, lower alkenyl, alkylaryl, cycloalkyl; NR1R3 = aziridinyl, azetidyl, pyrrolidinyl, piperidinyl, hexahydroazepinyl, heptamethylenimino, octamethylenimino, morpholino, lower alkyl-4-piperazinyl, and the heterocyclic group may be substituted by lower alkyl, OH, alkoxy; R2 = lower alkyl, alkenyl, alkylalakoxy, cycloalkyl, aryl, alkylaryl, alkylarylalkyl, alkoxyarylalkyl, haloarylalkyl); the concentration of I or its salt is at least equal to the solubility of I in the thickened medium. The efficacy of the composition is at least equal to that of known compns. however the required amount of I and the number of applications is decreased. The thickened composition is applied to the skin in a facile manner; it is does not irritate and is not oily on the skin and it does not leave the hair sticky. A suspension contained I (NR1R3 = piperidinyl, R2 = H) (micronized, particle size 4 μm) 3, **Carbopol** 934 1.0, 2-butoxyethanol 4.5, H2O 100.0 g, 2-amino-2-methyl-1-propanol q.s., and preservative q.s.; the Epprecht-Drage viscosity at module 4, 25° was 7.2 Pa's.

L22 ANSWER 20 OF 20 CAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 1988:118712 CAPLUS
 DOCUMENT NUMBER: 108:118712
 TITLE: Pyrimidine compounds for the growth of hair and cosmetic formulations containing such compounds
 INVENTOR(S): Saccani, Renato; Mattacchini, Margherita; Saccani, Enrica
 PATENT ASSIGNEE(S): Kemyos Bio Medical Research S.r.l., Italy
 SOURCE: Brit. UK Pat. Appl., 9 pp.
 CODEN: BAXXDU
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------|------|------|-----------------|------|
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|------------------------|----|----------|---------------|----------|
| GB 2183632 | A1 | 19870610 | GB 1985-30065 | 19851206 |
| GB 2183632 | B2 | 19900404 | | |
| PRIORITY APPLN. INFO.: | | | GB 1985-30065 | 19851206 |
| GI | | | | |



AB The title compds. [I; R = H, SO₃H; R₁ = 1-piperidinyl, 3-hydroxy-1-piperidinyl, HO₂C(CH₂)₄NH; when R = H, then A = N-acetylcysteine, thiosalicylic acid, S-carboxymethylcysteine, N-[2-(benzoylthio)propionyl]glycine and when R = SO₃H, then A = arginine, cysteine Me ester, lysine, carboxycysteine di-Me ester, where the amino acids may be in D-, L-, or DL-form], useful for stimulation of hair growth and treatment of alopecia, are prepared 4-Chloro-2,6-diaminopyrimidine (3 g) was heated at 100° for 1.5 h with 30 g 3-hydroxypiperidine to give 3.2 g 2,6-diamino-4-(3-hydroxy-1-piperidinyl)pyrimidine, which (18 g) was treated with 30 mL 30% H₂O₂ in 100 mL MeOH, stirred for 1 h, the solvent evaporated, and the residue heated at 60° for 30 min to give 15 g 6-amino-1,2-dihydro-1-hydroxy-2-imino-4-(3-hydroxy-1-piperidinyl)pyrimidine. The latter compound (21.69 g) was treated with 15.42 g thiosalicylic acid in Me₂CHOH to give 35 g I (R = H, R₁ = 3-hydroxy-1-piperidinyl, A = thiosalicylic acid) (II). A lotion contained iso-Pr myristate 10, PEG 6000 DS 20, cetyl alc. 20, antioxidant 1.0, Carbopol 940 1.5, EDTA 0.5, perfume composition 5, II 10 g; 10% NaOH 3 mL, EtOH 30 mL, and water qs 1L. The average speed of hair growth on shaved New Zealand rabbits with I applied topically at 1 mg/day in 2 applications was 0.3 mm/day with maximum activity after 45-60 days of treatment. I were more active than minoxidil when using equivalent quantities.

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|-----------------|--|------------------|---------|------------------|
| L1 | 1 | ("5924650").PN. | USPAT | OR | OFF | 2005/06/17 16:43 |
| L2 | 1 | ("5824650").PN. | USPAT | OR | OFF | 2005/06/17 16:45 |
| L3 | 1 | ("5972892").PN. | USPAT | OR | OFF | 2005/06/17 16:47 |
| L5 | 16 | "551626" | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2005/06/17 17:01 |
| L6 | 4 | "6203803" | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2005/06/17 17:03 |
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| L11 | 3 | "6528086" | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2005/06/17 17:27 |
| L12 | 12 | "5540934" | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2005/06/17 17:32 |
| L13 | 6 | "2735982" | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2005/06/17 17:36 |
| L14 | 4 | "5034387" | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2005/06/17 17:48 |
| L15 | 9 | "2183632" | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2005/06/17 17:48 |